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976022



Our ref: 11208393-Thompson-Renninger-McPeek-16

October 08, 2021

**Mr. Robert Thompson
Remedial Project Manager
United States Environmental Protection Agency
Region V
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Chicago, Illinois
U.S.A. 60604**

**Ms. Tamara McPeek
Environmental Response and Revitalization
Ohio Environmental Protection Agency
Southwest District Office
401 East Fifth Street
Dayton, Ohio
U.S.A. 45402**

**Mr. Steve Renninger
On-Scene Coordinator
United States Environmental Protection Agency
Region V
Emergency Response Branch
26 West Martin Luther King Drive
Cincinnati, Ohio
U.S.A. 45628**

**Progress Report: September 1 through 30, 2021
South Dayton Dump and Landfill Site, Moraine, Ohio (Site)**

Dear Mr. Thompson, Ms. Peek, and Mr. Renninger:

This Monthly Progress Report is submitted in accordance with the Administrative Settlement and Order on Consent (ASAOC) for Remedial Investigation/Feasibility Study (RI/FS) Proceeding Under Sections 104, 107, and 122 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, 42 U.S.C. §§ 9604, 9607, and 9622 (United States Environmental Protection Agency [U.S. EPA]) Docket No. V-W-16-C-011) effective June 11, 2016 (RI/FS ASAOC), and the ASAOC for Removal Action Proceeding Under Sections 104, 106(a), 107, and 122 of the CERCLA, 42 U.S.C. §§ 9604, 9606(a), 9607, and 9622 U.S. EPA Docket No. V-W-13-C-010, effective April 8, 2013 (Removal Action ASAOC), for the period of September 1 through 30, 2021.

The next Progress Report for the month of October 2021 will be submitted on or before November 10, 2021.

Significant Developments in this Reporting Period

RI/FS ASAOC Developments

Activities conducted in September 2021 are summarized below:

- On September 1, 2021, representatives of U.S. EPA and Ohio EPA conducted a site visit accompanied by a GHD field technician.
- On September 10, 2021, GHD provided revised procedures for Quarry Pond fish tissue sampling to U.S. EPA and Ohio EPA. The procedures were initially submitted by GHD on July 16, 2021, and then discussed during a meeting with agency representatives on August 17, 2021. GHD also provided proposed QAPP revisions to the agencies related to the revised procedures for fish tissue sampling.
- On September 22, 2021, GHD provided a response to agency comments regarding the 2020 groundwater sampling results.
- On September 23, 2021, U.S. EPA provided proposed revisions to the procedures for Quarry Pond fish tissue sampling.
- On September 29, 2021, U.S. EPA provided comments regarding the Current and Future Land Uses and Reuse Memorandum dated April 26, 2021.
- On September 30, 2021, a meeting was conducted (including U.S. EPA, Ohio EPA and GHD representatives) to discuss the proposed revisions to the methodology for collecting fish tissue samples from the Quarry Pond. The proposed sampling is being postponed until mid-2022 due to changes in the sampling requirements and the reduced effectiveness of electrofishing as temperatures decrease in the fall.
- Efforts to obtain access for the proposed monitoring well and soil gas probe installations within the Village Park Community property (Parcel 2943) continued in September. This includes discussions between legal counsel for the Respondents, the U.S. EPA ORC attorney and property owner representatives.
- GHD continued compilation and assessment of investigation data for inclusion in the Site Characterization Technical Memorandum.

Removal Action ASAOC Developments

Activities conducted in September 2021 are summarized below:

- GHD reviewed analytical results for the annual Vapor Intrusion (VI) proficiency sampling event completed in July 2021 and conducted laboratory data validation. The July sampling event included annual proficiency sampling at Building 9 (B&G Equipment and Truck Repair) and Building 14 (NexGen Vending) on July 20, 2021, at Building 12 (Overstreet Painting and S&J Precision) on July 21, 2021, and at Building 8 (B&G Equipment and Truck Repair) and Building 15 (SIM Trainer) on July 22, 2021.
- The analytical results from January 2012 through July 2021 for Buildings 8, 9, 12, 14 and 15 are provided in Tables 1 to 5, respectively (with highlighting for the 2021 sample results). The sample locations and analytical results are illustrated on the attached figures. The results from the July 2021 sampling event are summarized as follows.
 - With the exception of benzene in Building 12 as discussed below, there were no exceedances of Ohio Department of Health (ODH) Indoor Air (IA) screening levels during the July 2021 proficiency sampling event.
 - The concentrations of trichloroethylene (TCE) in one sub slab sample location at each of Buildings 8 and 9 were greater than the ODH screening level. However, TCE was not detected in corresponding

Building 8 or 9 indoor air sample locations indicating the sub slab depressurization systems (SSDSs) are successfully operating to mitigate vapor intrusion.

- The concentration of TCE in one sub slab sample location at Building 12 (S&J Precision) was greater than the ODH screening level. However, concentrations of TCE in indoor air samples were less than ODH screening levels indicating the SSDS is successfully operating to mitigate vapor intrusion.
- The concentrations of TCE at two sub slab sample locations at Building 12 (Overstreet Painting) were greater than the ODH screening level. However, the concentrations of TCE in corresponding indoor air sample locations were less than the ODH screening level indicating that the SSDS is successfully operating to mitigate vapor intrusion.
- The concentrations of benzene in two indoor air sample locations at Building 12 (Overstreet Painting) were greater than the ODH screening level. However, the benzene concentrations in sub slab samples at Building 12 were less than the ODH screening level (or non detect) indicating a source of benzene to indoor air unrelated to sub slab conditions.
- The concentrations of TCE and 1,1-dichloroethane (1,1-DCA) in one sub-slab sample location at Building 14 were greater than the ODH screening level. However, the TCE and 1,1-DCA concentrations in indoor air samples were equal to or less than the ODH screening levels indicating the SSDS is successfully operating to mitigate vapor intrusion.
- There were no exceedances of ODH IA or SS screening levels during the July 2021 proficiency sampling event at Building 15 (SIM Trainer).

Summaries of all Anticipated Problems and Planned Resolutions

As stated above the owner representatives for the Village Park Community have not agreed to provide access for proposed soil gas and groundwater investigation activities. GHD and legal counsel for the Respondents will continue to work with U.S. EPA to discuss alternative arrangements for seeking access approval.

No other difficulties/delays were encountered during this reporting period. However, the COVID-19 pandemic and requirements for physical/social distancing, isolation, and quarantine could cause future temporary or long-term equipment, supply and/or personnel availability issues that could affect the project schedule. Federal, state and local orders, as well as guidance from the Centers for Disease Control and Prevention, will be reviewed and followed before any field work or in-person meetings are conducted. We will keep U.S. EPA informed of any potential issues as the COVID-19 pandemic continues to develop and change.

Projected Work for the Next Reporting Period

- GHD will continue planning and scheduling RI/FS activities in accordance with the approved work plan. The planned activities include:
 - Continue preparations for Quarry Pond fish tissue sampling (to be conducted in mid-2022) including QAPP update and revisions to proposed procedures as discussed on September 30, 2021.
 - Continue discussions with U.S. EPA ORC attorney and Village Park Community property owner representatives for proposed soil gas probe and monitoring well installation.
 - Continue preparations to complete monitoring well and gas probe installations, including contractor procurement.

- Review U.S. EPA comments dated April 4, 2020 (related to soil/fill and soil gas investigation), and comments dated September 29, 2021 (related to the land uses and reuse memorandum).
- Compile information required for preparation of the EGMP and initiate contact with property owners to request information regarding occupied structures.
- The Respondents and U.S. EPA On-Scene Coordinator will continue to work together to implement the VI mitigation work plan.

Should you have any questions on the above, please do not hesitate to contact us.

Yours truly



Julian Hayward
Senior Engineer

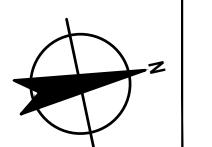
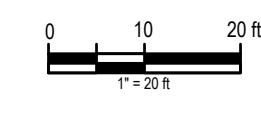
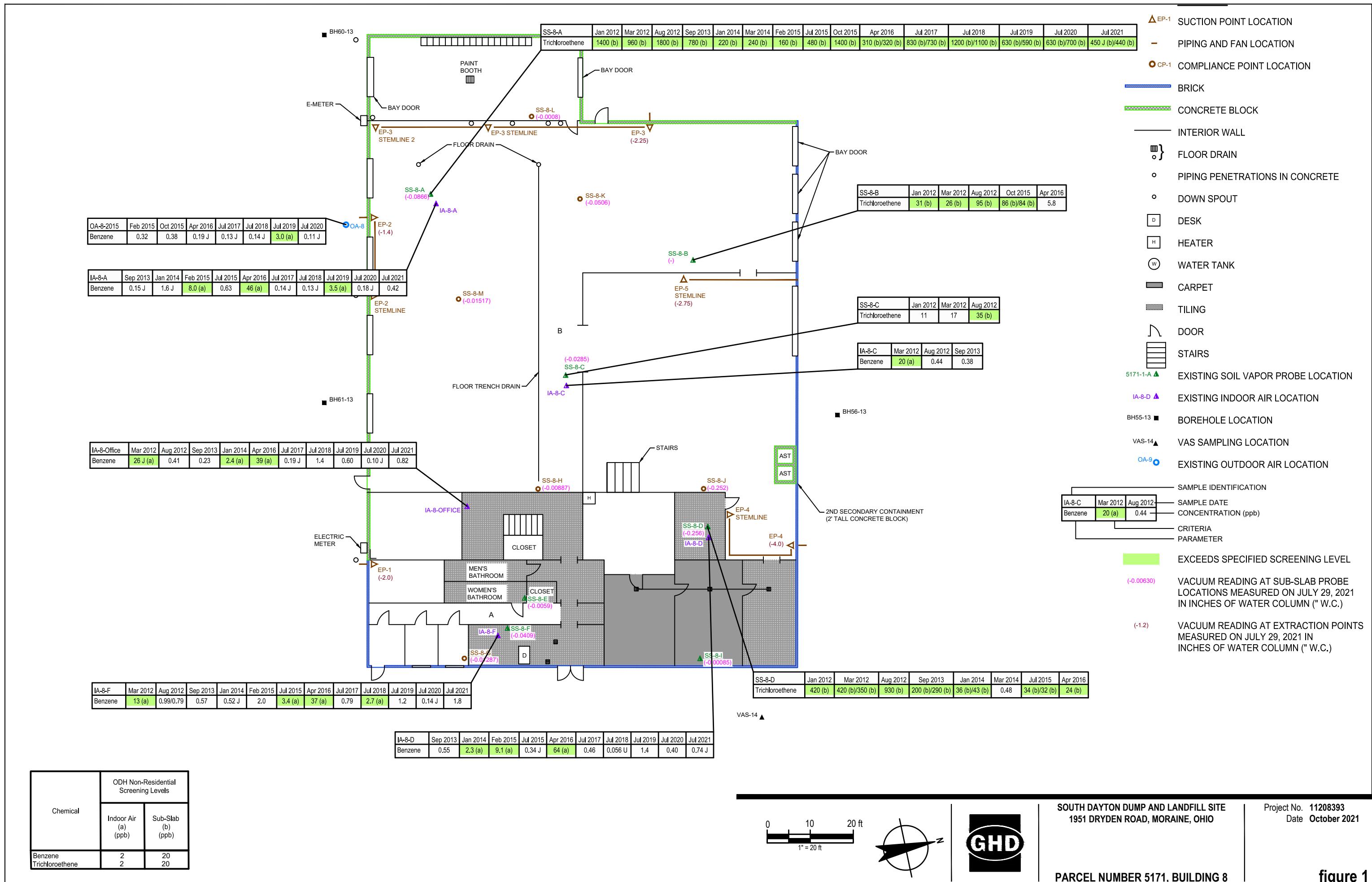
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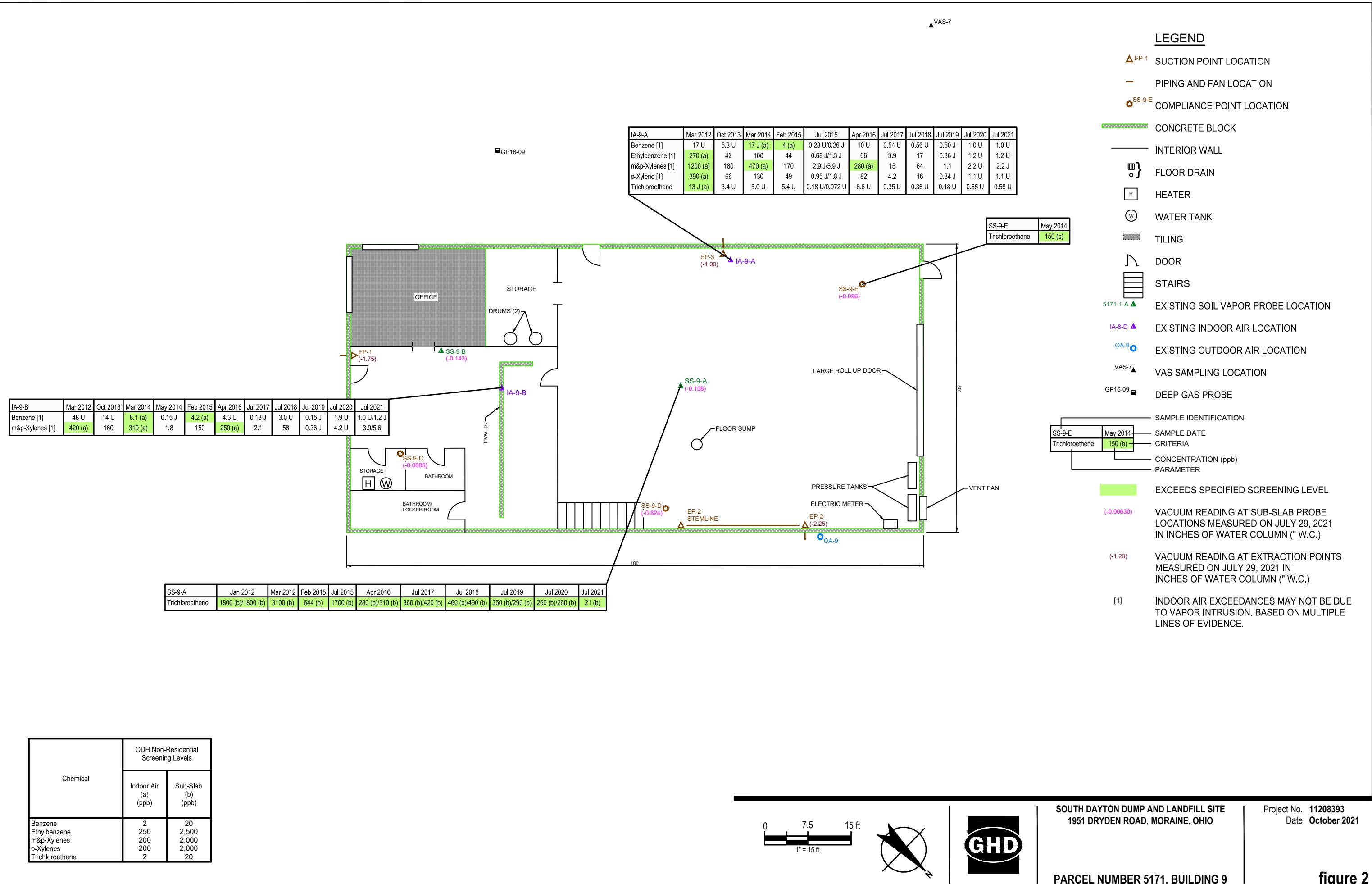
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Andrew Dorn, ITW
Kelly Martorano, Kelsey Hayes Company
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Larry Silver, Langsam Stevens Silver & Hollaender
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Sally Scott, Jacobs
Brett Fishwild, Jacobs
Valerie Chan, GHD



SOUTH DAYTON DUMP AND LANDFILL SITE
1951 DRYDEN ROAD, MORaine, OHIO

Project No. 11208393
Date October 2021



Chemical	ODH Non-Residential Screening Levels	
	Indoor Air (a) (ppb)	Sub-Slab (b) (ppb)
Benzene	2	20
Ethylbenzene	250	2,500
m&p-Xylenes	200	2,000
o-Xylenes	200	2,000
Trichloroethene	2	20

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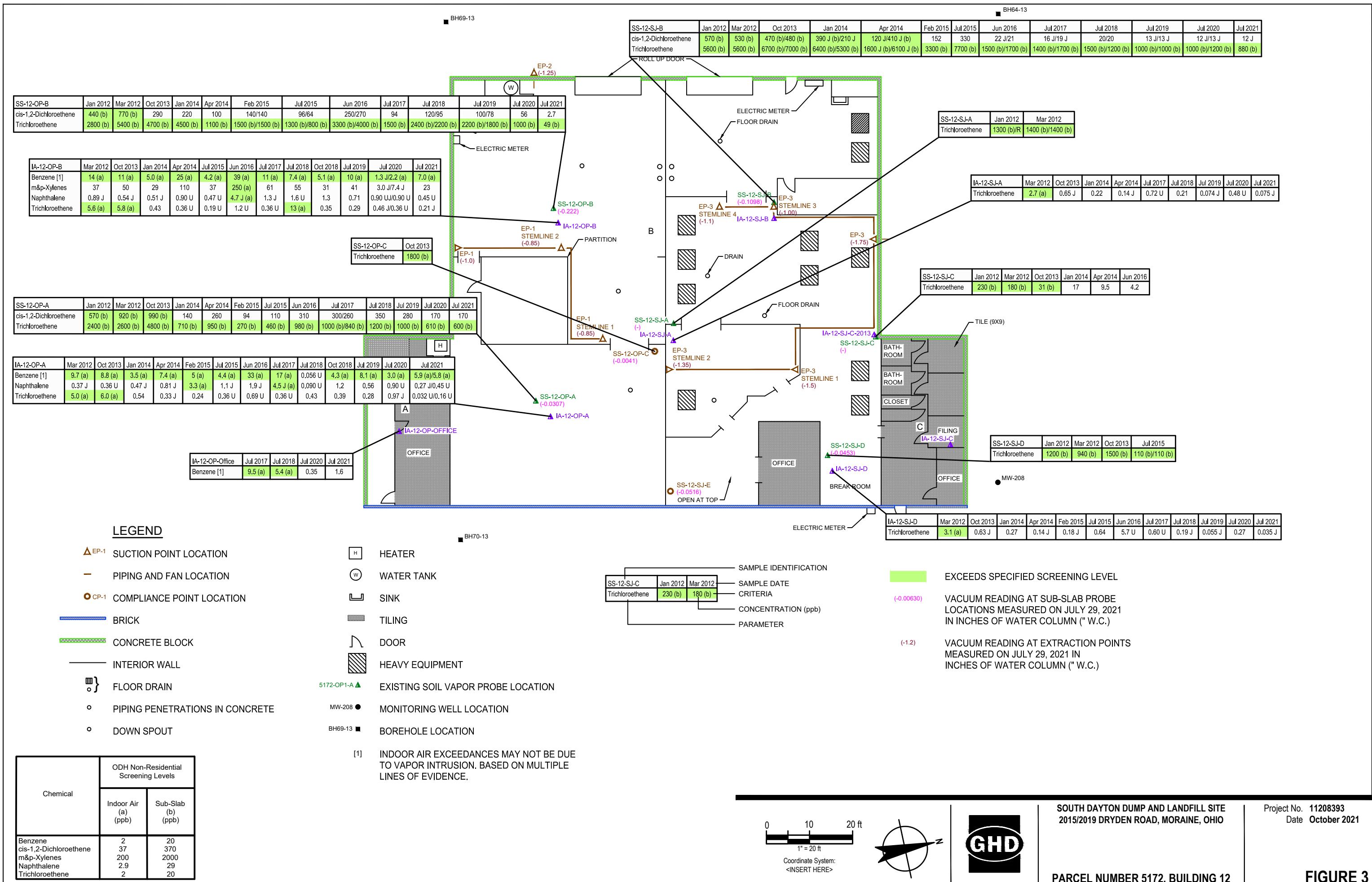


FIGURE 3

SS-14-C	Jan 2012	Mar 2012	Aug 2012	Jan 2014	Jun 2014	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020	Jun 2016
Trichloroethene	2.5	27 (b)	1.2	0.077 U	0.10 U	0.093 J					

IA-14-C	Mar 2012	Aug 2012	Jan 2014	Jun 2014	Feb 2015	Jul 2015	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020	Jul 2021
Benzene	0.60	2.0	1.8	0.43	1	1.5/1.7	0.96	0.41	1.7	2.2 (a)	0.77	0.23

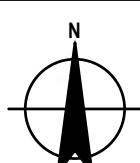
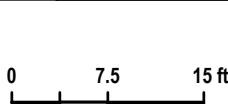
IA-14-A	Mar 2012	Aug 2012	Jan 2014	Jun 2014	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020	Jul 2021
Benzene	0.58	2.4 (a)	3.2 (a)	0.54	1.9	0.63	3.5 (a)	1.5	0.87	0.67/0.68

SS-14-A	Jan 2012	Mar 2012	Aug 2012	Jan 2014	Jun 2014	Feb 2015	Jul 2015	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020	Jul 2021
1,1-Dichloroethane	500 (b)/320 (b)	970 (b)	4100 (b)	270 J (b)/160 J	720 (b)/650 (b)	173 (b)	0.026 U	1000 (b)/710 (b)	0.040 U/0.026 U	680 (b)/730 (b)	0.026 U/0.026 U	350 (b)/380 (b)	450 (b)
Benzene	1.9 J/1.8 J	6.0 J	50 (b)	0.44/0.42	2.3 U/0.95	0.10 J	1.4	1.7 U/1.8 U	0.47/0.46	1.7 U/1.7 U	2.1/2.1	2.1 U/2.2 U	1.9 U
Trichloroethene	2.1 J/1.5 J	6.4 J	36 J (b)	4.0/3.6	27 (b)/30 (b)	6.4	0.91	150 (b)/94 (b)	0.42/0.40	260 (b)/250 (b)	0.042 J/0.072 J	220 (b)/300 (b)	350 (b)
Vinyl chloride	84 (b)/70 (b)	820 J (b)	5500 (b)	4.9/4.5	17/14	0.28	0.071 U	3.1 J/3.4 J	0.11 U/0.071 U	2.2 U/2.2 J	0.071 U/0.071 U	2.7 U/2.7 U	2.4 U

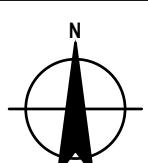
LEGEND

- ▲ EP-1 SUCTION POINT LOCATION
 - PIPING AND FAN LOCATION
 - SS-14-D COMPLIANCE POINT LOCATION
 - BRICK
 - ▬ CONCRETE BLOCK
 - INTERIOR WALL
 - [H] HEATER
 - ▬ CARPET
 - ▷ DOOR
 - SS-14-B ▲ EXISTING SOIL VAPOR PROBE LOCATION
 - IA-14-A ▲ EXISTING INDOOR AIR LOCATION
 - GP15-09 ■ DEEP GAS PROBE
 - OA-14-2014 ○ EXISTING OUTDOOR AIR LOCATION
 - (-) EXCEEDS SPECIFIED SCREENING LEVEL
 - (-0.00630) VACUUM READING AT SUB-SLAB PROBE LOCATIONS MEASURED ON JULY 29, 2021 IN INCHES OF WATER COLUMN (" W.C.)
 - (-1.20) VACUUM READING AT EXTRACTION POINTS MEASURED ON JULY 29, 2021 IN INCHES OF WATER COLUMN (" W.C.)
- | | | | |
|-----------------------|----------|----------|---------------------|
| SAMPLE IDENTIFICATION | | | |
| IA-14-B | Mar 2012 | Aug 2012 | SAMPLE DATE |
| Benzene | 0.67 | 2.1 (a) | CRITERIA |
| | | | CONCENTRATION (ppb) |
| | | | PARAMETER |

Chemical	ODH Non-Residential Screening Levels	
	Indoor Air (a) (ppb)	Sub-Slab (b) (ppb)
1,1-Dichloroethane	16	160
Benzene	2	20
Trichloroethene	2	20
Vinyl chloride	2	20



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Coordinate System:
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SOUTH DAYTON DUMP AND LANDFILL SITE
2003 DRYDEN ROAD, MORaine, OHIO

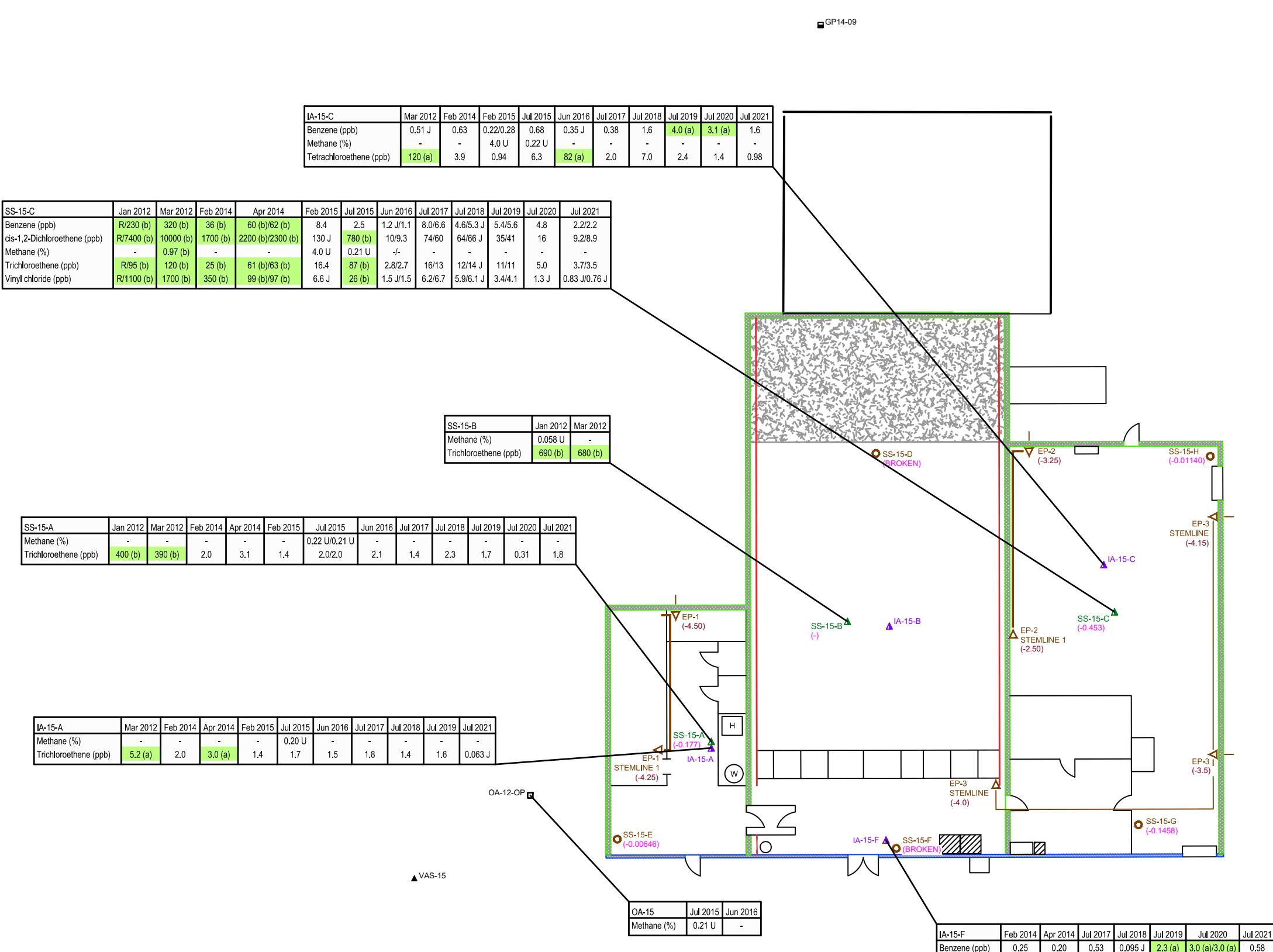
Project No. 11208393
Date October 2021

PARCEL NUMBER 5172, BUILDING 14

FIGURE 4

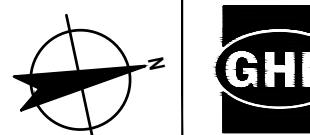
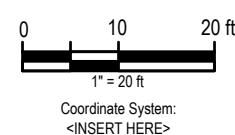
LEGEND

	EP-1 SUCTION POINT LOCATION
	PIPING AND FAN LOCATION
	SS-15-D COMPLIANCE POINT LOCATION
	BRICK
	CONCRETE BLOCK
	INTERIOR WALL
	HEATER
	WATER TANK
	RUBBER MULCH
	DOOR
	EXISTING SOIL VAPOR PROBE LOCATION
	EXISTING INDOOR AIR LOCATION
	OUTDOOR AIR SAMPLE LOCATION
	VAS SAMPLING LOCATION
	DEEP GAS PROBE
	SAMPLE IDENTIFICATION
	SAMPLE DATE
	CRITERIA
	CONCENTRATION (ppb)
	PARAMETER
	EXCEEDS SPECIFIED SCREENING LEVEL
	VACUUM READING AT SUB-SLAB PROBE LOCATIONS MEASURED ON JULY 29, 2021 IN INCHES OF WATER COLUMN (" W.C.)
	(-1.20)
	VACUUM READING AT EXTRACTION POINTS MEASURED ON JULY 29, 2021 IN INCHES OF WATER COLUMN (" W.C.)



NOTE: FIELD MONITORING DATA FOR METHANE IS TABULATED SEPARATELY.

Chemical	ODH Non-Residential Screening Levels	
	Indoor Air (a) (ppb)	Sub-Slab (b) (ppb)
Benzene	2	20
cis-1,2-Dichloroethene	37	370
Tetrachloroethylene	25	250
Trichloroethylene	2	20
Vinyl chloride	2	20



SOUTH DAYTON DUMP AND LANDFILL SITE
2031 DRYDEN ROAD, MORaine, OHIO

Project No. 11208393
Date October 2021

PARCEL NUMBER 5173, BUILDING 15

FIGURE 5

Table 1

Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-8-A	IA-8-A	IA-8-A	IA-8-A	IA-8-A	IA-8-A	IA-8-A	IA-8-A	IA-8-A	IA-8-A	IA-8-A	IA-8-A
Sample ID:	IA-38443-091213-GL-009	IA-38443-010914-GL-001	IA-38443-021715-GL-002	IA-38443-071515-6L-023	IA-38443-041316-GL-003	IA-38443-071017-GL-003	IA-38443-071218-JC-007	IA-38443-071619-GL-003	IA-11208393-071620-JC-032	IA-11208393-072221-JC-036		
Date	9/12/2013	1/9/2014	2/17/2015	7/15/2015	4/13/2016	7/10/2017	7/12/2018	7/16/2019	7/16/2020	7/22/2021		
Parameters	ODH Non-Residential Screening Levels	Sub-Slab Soil Gas a	Indoor Air b	Sub-Slab Soil Gas a	Indoor Air b	Sub-Slab Soil Gas a						
Units												
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	160	16	0.026 U	0.24 U	0.13 U	0.026 U	1.8 U	0.026 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	20	2	0.15 J	1.6 J	8.0 ^b	0.63	46 ^b	0.14 J	0.13 J	3.5 ^b	0.18 J
Chloroform (Trichloromethane)	ppbv	800	80	0.038 U	0.35 U	0.19 U	0.038 U	2.7 U	0.038 U	0.038 U	0.038 U	0.040 J
cis-1,2-Dichloroethene	ppbv	370	37	0.060 U	0.55 U	0.30 U	0.060 U	4.2 U	0.060 U	0.060 U	0.060 U	0.060 U
Ethylbenzene	ppbv	2500	250	0.29	21	17	0.33	20	0.073 J	0.32	1.2	0.14 J
m,p-Xylenes	ppbv	2000	200	1.2	100	72	1.7	85	0.31	1.4	4.4	0.51
Naphthalene	ppbv	29	2.9	0.090 U	0.97 J	0.82 J	0.090 U	6.4 U	0.28 J	0.090 U	0.54	0.090 UJ
o-Xylene	ppbv	2000	200	0.65	44	28	0.86	32	0.11 J	0.81	1.6	0.19 J
Tetrachloroethylene	ppbv	250	25	0.040 U	0.36 U	0.20 U	0.040 U	2.8 U	0.076 J	0.22	0.15 J	0.040 U
Trichloroethylene	ppbv	20	2	0.036 U	0.33 U	1.7	0.036 U	2.5 U	0.12 J	0.036 U	0.036 U	0.093 J
Vinyl chloride	ppbv	20	2	0.071 U	0.65 U	0.36 U	0.071 U	5.0 U	0.071 U	0.071 U	0.071 U	0.071 U

Notes:
 J Estimated concentration
 NJ Tentatively identified compound, estimated concentration
 U Not detected at the associated reporting limit
 UJ Not detected; associated reporting limit is estimated
 1.0 Value greater than ODH Non-Residential Screening Level

Table 1

Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-8-C	IA-8-C	IA-8-C	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D
Sample ID:	IA-38443-031412-JC-186	IA-38443-080712-GL-064	IA-38443-091213-GL-011	IA-38443-091213-GL-010	IA-38443-010914-GL-003	IA-38443-021715-GL-003	SDD-IA-8D-0215	IA-38443-071515-6L-026	IA-38443-041316-GL-006	IA-38443-071017-GL-007	IA-38443-071218-JC-001	IA-38443-071619-GL-006		
Date	3/14/2012	8/7/2012	9/12/2013	9/12/2013	1/9/2014	2/17/2015	2/17/2015	7/15/2015	4/13/2016	7/10/2017	7/12/2018	7/16/2019		
Parameters	Units													
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	0.95 U	0.026 U	0.026 U	0.026 U	0.26 U	0.13 U	0.27 U	0.052 U	5.0 U	0.026 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	20 ^b	0.44	0.38	0.55	2.3 ^b	7.3 ^b	9.1 ^b	0.34 J	64 ^b	0.46	0.056 U	1.4	
Chloroform (Trichloromethane)	ppbv	1.4 U	0.038 U	0.038 U	0.038 U	0.38 U	0.19 U	0.14 U	0.076 U	7.3 U	0.038 U	0.061 J	0.038 U	
cis-1,2-Dichloroethene	ppbv	2.2 U	0.060 U	0.060 U	0.060 U	0.60 U	0.30 U	0.69 U	0.12 U	12 U	0.060 U	0.060 U	0.060 U	
Ethylbenzene	ppbv	34	1.1	6.6	7.1	41	19	25.4	7.6	18 J	2.4	0.068 U	3.5	
m&p-Xylenes	ppbv	140	3.7	28	31	190	77	74.3	43	72	13	0.12 U	17	
Naphthalene	ppbv	3.3 U	0.090 U	0.45 J	0.62	1.5 J	0.45 U	0.69 U	0.39 J	17 U	0.36 J	0.090 U	0.59	
o-Xylene	ppbv	44	1.1	15	17	76	28	37.2	25	26 J	5.8	0.061 U	6.1	
Tetrachloroethene	ppbv	1.5 U	0.062 J	0.23	0.36	0.40 U	0.20 U	0.14 U	0.080 U	7.7 U	0.066 J	0.061 J	0.11 J	
Trichloroethene	ppbv	1.5 J	0.12 J	0.076 J	0.052 J	0.38 J	0.32 J	0.44	0.072 U	7.0 U	0.036 U	0.036 U	0.047 J	
Vinyl chloride	ppbv	2.6 U	0.071 U	0.071 U	0.071 U	0.71 U	0.36 U	0.14 U	0.14 U	14 U	0.071 U	0.071 U	0.071 U	

Notes:
J Estimated concentration
NJ Tentatively identified compound, estimated concentration
U Not detected at the associated reporting limit
UJ Not detected; associated reporting limit is estimated
1.0 Value greater than ODH Non-Residential Screening Level

Table 1

Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-8-D	IA-8-D	IA-8-F											
Sample ID:	IA-11208393-071620-JC-035	IA-11208393-072221-JC-038	IA-38443-031412-JC-190	IA-38443-080712-GL-067	IA-38443-080712-GL-068	IA-38443-091213-GL-012	IA-38443-010914-GL-006	IA-38443-021715-GL-004	IA-38443-071515-GL-021	IA-38443-041316-GL-007	IA-38443-071017-GL-006	IA-38443-071218-JC-004	IA-38443-071017-GL-006	IA-38443-071218-JC-004
Date	7/16/2020	7/22/2021	3/14/2012	8/7/2012	8/7/2012	9/12/2013	1/9/2014	2/17/2015	7/15/2015	4/13/2016	7/10/2017	7/12/2018		
Parameters	Units					Duplicate								
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	0.026 U	0.10 U	0.99 U	0.026 U	0.026 U	0.026 UJ	0.026 U	0.10 U	2.4 U	0.026 U	0.026 U		
Benzene	ppbv	0.40	0.74 J	13 ^b	0.99	0.79	0.57	0.52 J	2.0	3.4 ^b	37 ^b	0.79	2.7 ^b	
Chloroform (Trichloromethane)	ppbv	0.038 U	0.15 U	1.4 U	0.091 J	0.067 J	0.047 J	0.095 UJ	0.038 U	0.15 U	3.5 U	0.060 U	0.12 J	
cis-1,2-Dichloroethene	ppbv	0.060 U	0.24 U	2.3 U	0.060 U	0.25	0.060 U	0.15 UJ	0.060 U	0.24 U	5.5 U	0.060 U	0.060 U	
Ethylbenzene	ppbv	0.30	2.7	27	9.5	7.6	7.2	12 J	4.4	26	37	4.3	31	
m,p-Xylenes	ppbv	0.48	16	110	36	32	56 J	19	100	160	19	130		
Naphthalene	ppbv	0.090 U	0.36 U	3.4 U	0.090 UJ	0.096 J	0.36 J	0.27 J	0.25 J	0.36 U	8.2 U	0.36 J	0.29 J	
o-Xylene	ppbv	0.10 J	8.7	33	8.5	8.4	10	18 J	6.9	33	52	6.1	33	
Tetrachloroethene	ppbv	0.14 J	0.18 J	1.5 U	0.13 J	0.076 J	0.14 J	0.10 UJ	0.055 J	2.1	3.7 U	0.063 J	0.074 J	
Trichloroethene	ppbv	0.073 J	0.13 U	1.4 U	0.96	0.89	0.11 J	0.14 J	0.17 J	0.24 J	3.3 U	0.087 J	0.11 J	
Vinyl chloride	ppbv	0.071 U	0.28 U	2.7 U	0.071 U	0.071 U	0.071 UJ	0.18 UJ	0.071 U	0.28 U	6.5 U	0.071 U	0.071 U	

Notes:

- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 1

Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-8-F	IA-8-F	IA-8-F	IA-8-F	IA-8-Office	IA-8-Office	IA-8-Office	IA-8-Office	IA-8-Office								
Sample ID:	IA-38443-071619-GL-005	IA-11208393-071620-JC-033	IA-11208393-072221-JC-039	IA-11208393-072221-JC-039	IA-38443-031412-JC-183	IA-38443-080712-GL-061	IA-38443-091213-GL-013	IA-38443-010914-GL-007	IA-38443-041316-GL-008	IA-38443-071017-GL-005	IA-38443-071218-JC-006	IA-38443-071619-GL-004	IA-11208393-071620-JC-036	IA-38443-071619-GL-005	IA-38443-071218-JC-006	IA-38443-071619-GL-004	IA-11208393-071620-JC-036
Date	7/16/2019	7/16/2020	7/22/2021	7/14/2012	8/7/2012	9/12/2013	1/9/2014	4/13/2016	7/10/2017	7/12/2018	7/16/2019	7/16/2020	7/16/2019	7/16/2020	7/16/2019	7/16/2020	
Parameters	Units																
Volatile Organic Compounds																	
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	0.065 U	6.1 U	0.026 U	0.026 U	0.26 U	4.4 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	1.2	0.14 J	1.8	26 J ^b	0.41	0.23	2.4 ^b	39 ^b	0.19 J	1.4	0.60	1.4	0.60	0.10 J	0.10 J	0.10 J
Chloroform (Trichloromethane)	ppbv	0.15 J	0.10 J	0.16 J	9.0 U	0.043 J	0.059 J	0.38 U	6.4 U	0.049 U	0.079 J	0.090 J	0.038 U	0.090 J	0.038 U	0.060 U	0.060 U
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	0.15 U	14 U	0.060 U	0.060 U	0.60 U	10 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U
Ethylbenzene	ppbv	7.1	2.5	15	22 J	3.8	2.9	28	13 J	0.52	14	0.31	0.22	0.31	0.22	0.31	0.22
m&p-Xylenes	ppbv	29	12	71	89	15	12	130	54	2.4	58	1.4	0.94	1.4	0.94	1.4	0.94
Naphthalene	ppbv	0.21 J	0.090 U	0.23 U	21 U	0.090 U	0.39 J	1.4 J	15 U	0.15 J	0.36 J	0.16 J	0.090 U	0.16 J	0.090 U	0.16 J	0.090 U
o-Xylene	ppbv	8.2	4.1	21	30 J	4.3	4.6	54	20 J	0.89	19	0.48	0.30	0.48	0.30	0.48	0.30
Tetrachloroethene	ppbv	0.22	0.083 J	0.10 U	9.5 U	0.040 U	0.091 J	0.40 U	6.8 U	0.062 J	0.040 U	0.073 J	0.040 U	0.073 J	0.040 U	0.073 J	0.040 U
Trichloroethene	ppbv	0.082 J	0.10 J	0.081 J	8.5 U	0.29	0.057 J	0.36 U	6.1 U	0.077 J	0.070 J	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
Vinyl chloride	ppbv	0.071 U	0.071 U	0.18 U	17 U	0.071 U	0.071 U	0.71 U	12 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U

Notes:

- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UU Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 1

Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-8-Office IA-11208393-072221-JC-037 7/22/2021	OA-8 OA-38443-031412-JC-182 3/14/2012	OA-8 OA-38443-080712-GL-059 8/7/2012	OA-8 OA-38443-010914-GL-008 1/9/2014	OA-8 OA-38443-071515-6L-019 7/15/2015	OA-8 IA-11208393-072221-JC-040 7/22/2021	OA-8-2015 OA-38443-021715-GL-009 2/17/2015	OA-8-2015 OA-38443-100615-GL-004 10/6/2015	OA-8-2015 OA-38443-041316-GL-009 4/13/2016	OA-8-2015 OA-38443-071017-GL-004 7/10/2017	OA-8-2015 OA-38443-071218-JC-005 7/12/2018	OA-8-2015 OA-38443-071619-GL-007 7/16/2019
Parameters												
Units												
Volatile Organic Compounds												
1,1-Dichloroethane												
Benzene	ppbv	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U
Chloroform (Trichloromethane)	ppbv	0.82	0.41	0.30	0.25	0.098 J	0.22	0.32	0.38	0.19 J	0.13 J	0.14 J
cis-1,2-Dichloroethene	ppbv	0.065 J	0.17 J	0.042 J	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
Ethylbenzene	ppbv	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U
m&p-Xylenes	ppbv	6.1	0.16 J	1.9	0.16 J	0.073 J	0.11 J	0.068 J	0.59	0.068 U	0.068 U	0.10 J
Naphthalene	ppbv	30	0.52	8.2	0.59	0.27	0.38	0.19 J	3.1	0.18 J	0.24	0.45
o-Xylene	ppbv	0.19 J	0.090 U	0.090 UU	0.090 UJ	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.31 J
Tetrachloroethylene	ppbv	10	0.19 J	2.5	0.22	0.093 J	0.17 J	0.069 J	1.8	0.065 J	0.090 J	0.24
Trichloroethylene	ppbv	0.040 U	0.18 J	0.040 U	0.040 U	0.040 U	0.068 J	0.040 U	0.065 J	0.048 J	0.069 J	0.32
Vinyl chloride	ppbv	0.18 J	0.052 J	0.072 J	0.036 U	0.036 U	0.032 U	0.036 U	0.036 U	0.036 U	0.094 J	0.060 J
		0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	2.0	0.071 U	0.071 U	0.071 U
Notes:												
J	Estimated concentration											
NJ	Tentatively identified compound, estimated concentration											
U	Not detected at the associated reporting limit											
UJ	Not detected; associated reporting limit is estimated											
1.0	Value greater than ODH Non-Residential Screening Level											

Table 1

Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	OA-8-2015	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A
Sample ID:	OA-11208393-071620-JC-037	SS-38443-011112-JC-069	SS-38443-031412-JC-184	SS-38443-080712-GL-060	SS-38443-091213-GL-014	SS-38443-010914-GL-002	SS-38443-031014-JT-005	SDD-SS-8A-0215	SS-38443-021715-GL-001	SDD-SS-8A-0715	SS-38443-071515-GL-022	SS-38443-071515-6L-022	SS-38443-100615-GL-001
Date	7/16/2020	1/11/2012	3/14/2012	8/7/2012	9/12/2013	1/9/2014	3/10/2014	2/17/2015	2/17/2015	7/15/2015	7/15/2015	7/15/2015	10/6/2015
Parameters													
	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.026 U	2.8 U	2.8 U	0.25 J	0.81 U	0.26 U	0.26 U	0.29 U	0.13 U	9.1 U	1.5 U	3.4 U
Benzene	ppbv	0.11 J	1.5 U	6.0 U	1.1 J	1.8 U	0.56 U	1.5 J	0.65	0.57 J	12 U	3.2 U	7.4 U
Chloroform (Trichloromethane)	ppbv	0.038 U	16	17 J	25	9.8	2.2	3.9	1.9	1.8	14	7.3 J	20 J
cis-1,2-Dichloroethene	ppbv	0.060 U	27	28	48	110	17	20	16.3	13	72	29	130
Ethylbenzene	ppbv	0.068 U	1.8 U	7.3 U	0.54 U	2.1 U	0.97 J	0.68 U	6.6	4.4	8.5 U	3.9 U	9.0 U
m,p-Xylenes	ppbv	0.16 J	3.9 U	13 U	1.4 J	5.2 J	4.3	1.2 J	38.3	26	17 U	6.9 U	16 U
Naphthalene	ppbv	0.090 U	6.9 UU	9.6 U	0.72 UJ	2.8 U	0.90 UJ	0.90 U	0.94	0.45 U	7.0 U	5.2 U	12 U
o-Xylene	ppbv	0.061 U	1.8 U	6.5 U	0.69 J	1.9 U	1.7 J	0.61 U	27.4	20	8.5 U	3.5 U	8.0 U
Tetrachloroethene	ppbv	0.052 J	8.5 J	7.8 J	15	15	3.3	3.1	3	2.2	17	7.1 J	19 J
Trichloroethene	ppbv	0.036 U	1400^a	960^a	1800^a	780^a	220^a	240^a	158^a	160^a	1400^a	480^a	1400^a
Vinyl chloride	ppbv	0.071 U	2.3 U	7.6 U	0.57 U	2.2 U	0.71 U	0.71 U	0.15 U	0.36 U	14 U	4.1 U	9.4 U

Notes:

- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UU Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 1

Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A								
Sample ID:	SS-38443-041316-GL-001	SS-38443-041316-GL-002	SS-38443-071017-GL-001	SS-38443-071017-GL-002	SS-38443-071218-JC-002	SS-38443-071218-JC-003	SS-38443-071619-GL-001	SS-38443-071619-GL-002	SS-11208393-071620-JC-031	SS-11208393-071620-JC-034	SS-11208393-072221-JC-034		
Date	4/13/2016	4/13/2016	Duplicate	7/10/2017	Duplicate	7/12/2018	Duplicate	7/16/2019	Duplicate	7/16/2020	Duplicate	7/16/2020	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.63 U	2.3 U	0.70 U	0.69 U	0.47 U	1.6 U	0.80 U	0.76 U	0.50 U	0.26 U	0.57 UJ	
Benzene	ppbv	2.2 J	9.6 J	1.5 U	1.5 U	1.0 U	3.4 U	1.7 U	1.6 U	1.1 U	0.71 J	1.2 UJ	
Chloroform (Trichloromethane)	ppbv	3.6 J	3.4 U	10	8.1	8.9	9.8 J	6.0 J	5.8	6.9	5.8	4.7 J	
cis-1,2-Dichloroethene	ppbv	26	24	74	66	74	75	53	49	56	45	34 J	
Ethylbenzene	ppbv	6.1	6.0 U	1.8 U	1.8 U	1.2 U	4.1 U	2.1 U	2.0 U	1.3 U	0.68 U	1.5 UJ	
m&p-Xylenes	ppbv	44	31	3.2 U	3.2 U	2.8 J	7.2 U	3.7 U	3.5 U	2.3 U	1.2 J	2.6 UJ	
Naphthalene	ppbv	3.2 J	8.0 U	2.4 U	2.4 U	1.6 U	5.4 U	2.8 U	2.6 U	1.7 UJ	0.89 U	2.0 UJ	
o-Xylene	ppbv	38 J	23 J	1.6 U	1.6 U	1.4 J	4.4 J	1.9 U	1.8 U	1.2 U	0.61 U	1.3 UJ	
Tetrachloroethylene	ppbv	5.0	3.8 J	12	11	61 J	15 J	10	9.3	8.9	8.5	6.3 J	
Trichloroethylene	ppbv	310 ^a	320 ^a	830 ^a	730 ^a	1200 ^a	1100 ^a	630 ^a	590 ^a	630 ^a	700 ^a	450 J ^a	
Vinyl chloride	ppbv	1.7 U	6.3 U	1.9 U	1.9 U	1.3 U	4.3 U	2.2 U	2.1 U	1.4 UJ	0.71 U	1.6 UJ	

Notes:
J Estimated concentration
NJ Tentatively identified compound, estimated concentration
U Not detected at the associated reporting limit
UJ Not detected; associated reporting limit is estimated
1.0 Value greater than ODH Non-Residential Screening Level

Table 1

Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-8-A SS-11208393-072221-JC-035 7/22/2021 Duplicate	SS-8-B SS-38443-011112-JC-065 1/11/2012	SS-8-B SS-38443-031412-JC-185 3/14/2012	SS-8-B SS-38443-080712-GL-062 8/7/2012	SS-8-B SS-38443-100615-GL-002 10/6/2015	SS-8-B SS-38443-100615-GL-003 10/6/2015	SS-8-B SS-38443-041316-GL-004 4/13/2016	SS-8-B SS-38443-011112-JC-066 1/11/2012	SS-8-C SS-38443-031412-JC-187 3/14/2012	SS-8-C SS-38443-080712-GL-063 8/7/2012	SS-8-D SS-38443-011112-JC-064 1/11/2012	SS-8-D SS-38443-031412-JC-188 3/14/2012
Parameters	Units											
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	0.71 U	0.10 U	0.13 U	0.26 U	0.26 U	0.26 U	0.065 U	0.076 J	0.28 U	0.22 J	0.69 U
Benzene	ppbv	1.5 U	0.13 J	1.1	0.74 J	0.56 U	0.56 U	1.9	0.077 J	0.59 U	0.28 U	0.35 U
Chloroform (Trichloromethane)	ppbv	4.7 J	0.74	1.0	2.3	2.1	2.2	0.14 J	0.89	1.4 J	3.3	3.8 J
cis-1,2-Dichloroethene	ppbv	34	0.49 J	0.55 J	1.4 J	1.0 J	0.81 J	0.15 U	1.7	2.7	5.0	10
Ethylbenzene	ppbv	1.9 U	0.80	0.34 U	1.0 J	0.68 U	0.68 U	1.8	0.10 J	0.72 U	0.34 U	0.43 U
m&p-Xylenes	ppbv	3.3 U	1.1 J	0.60 U	4.1	1.2 U	1.2 U	8.4	0.42 J	1.3 U	0.60 U	0.95 U
Naphthalene	ppbv	2.5 U	0.26 U	0.45 U	0.90 U	0.90 U	0.90 U	0.23 U	0.13 UJ	0.95 U	0.45 U	1.7 UJ
o-Xylene	ppbv	1.7 U	0.40 J	0.30 U	1.8 J	0.61 U	0.61 U	4.0	0.15 J	0.65 U	0.30 U	0.43 U
Tetrachloroethylene	ppbv	6.8	76	79	220	170	170	22	21	32	78	8.4
Trichloroethylene	ppbv	440 ^a	31 ^a	26 ^a	95 ^a	86 ^a	84 ^a	5.8	11	17	35 ^a	420 ^a
Vinyl chloride	ppbv	1.9 U	0.087 U	0.36 U	0.71 U	0.71 U	0.71 U	0.18 U	0.044 U	0.75 U	0.36 U	0.57 U

Notes:

- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 1

Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-8-D	SS-8-F	SS-8-F											
Sample ID:	SS-38443-031412-JC-189	SS-38443-080712-GL-065	SS-38443-091213-GL-015	SS-38443-091213-GL-016	SS-38443-010914-GL-004	SS-38443-010914-GL-005	SS-38443-031014-JT-004	SS-38443-071515-6L-024	SS-38443-071515-6L-025	SS-38443-041316-GL-005	SS-38443-011112-JC-067	SS-38443-011112-JC-068	SS-8-D	SS-8-F
Date	3/14/2012	8/7/2012	9/12/2013	9/12/2013	1/9/2014	1/9/2014	3/10/2014	7/15/2015	7/15/2015	4/13/2016	1/11/2012	1/11/2012	Duplicate	
Parameters														
Units														
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	0.75 U	1.0 U	0.26 U	0.26 U	0.052 U	0.065 U	0.029 J	0.052 U	0.033 U	1.7 U	0.035 U	0.052 U	0.052 U
Benzene	ppbv	1.6 U	2.2 U	0.56 U	0.56 U	0.65	0.69	3.8	0.35 J	0.27	3.8 U	0.17 J	0.18 J	0.18 J
Chloroform (Trichloromethane)	ppbv	5.0 J	7.4 J	2.6	3.5	0.53	0.59	0.068 J	0.53	0.53	2.6 U	0.19 J	0.20 J	0.20 J
cis-1,2-Dichloroethene	ppbv	14	20	4.6	6.1	1.2	1.4	0.21	1.8	1.8	4.0 U	0.014 U	0.021 U	0.021 U
Ethylbenzene	ppbv	2.0 U	2.7 U	0.68 U	0.68 U	2.4	3.5	15	0.56	0.44	4.6 U	0.20	0.18 J	0.18 J
m&p-Xylenes	ppbv	3.4 U	4.7 U	1.9 J	2.2	8.0	12	57	3.0	2.3	8.1 U	0.44 J	0.31 J	0.31 J
Naphthalene	ppbv	2.6 U	3.5 U	0.90 U	0.90 U	0.18 UJ	0.23 UJ	0.60	0.18 U	0.11 U	6.0 U	0.086 UJ	0.13 J	0.13 J
o-Xylene	ppbv	1.8 U	2.4 U	0.84 J	1.0 J	4.3	6.4	27	1.6	1.3	4.1 U	0.18 J	0.13 J	0.13 J
Tetrachloroethene	ppbv	11	28	11	15	3.6	4.5	0.57	5.6	5.1	5.3 J	0.59	0.62	0.62
Trichloroethene	ppbv	350 ^a	930 ^a	200 ^a	290 ^a	36 ^a	43 ^a	0.48	34 ^a	32 ^a	24 ^a	5.3	5.6	5.6
Vinyl chloride	ppbv	2.0 U	2.8 U	0.71 U	0.71 U	0.14 U	0.18 U	0.071 U	0.14 U	0.089 U	4.8 U	0.029 U	0.043 U	0.043 U

Notes:

- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 1

Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-8-F	SS-8-F	SS-8-F
Sample ID:	SS-38443-031412-JC-191	SS-38443-080712-GL-066	SS-38443-071515-6L-020
Date	3/14/2012	8/7/2012	7/15/2015
Parameters			Units
Volatile Organic Compounds			
1,1-Dichloroethane	ppbv	0.026 U	0.026 U
Benzene	ppbv	0.26	0.23
Chloroform (Trichloromethane)	ppbv	0.22	0.14 J
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U
Ethylbenzene	ppbv	0.43	0.79
m&p-Xylenes	ppbv	1.2	2.9
Naphthalene	ppbv	0.090 U	0.090 U
o-Xylene	ppbv	0.37	0.83
Tetrachloroethene	ppbv	0.81	0.50
Trichloroethene	ppbv	5.3	3.0
Vinyl chloride	ppbv	0.071 U	0.071 U

Notes:

- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 2

Summary of Building 9 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location: Sample ID: Date	Parameters	Units	ODH Non-Residential Screening Levels		IA-9-A IA-38443-032712-JC-193 3/27/2012	IA-9-A IA-38443-102413-GL-002 10/24/2013	IA-9-A IA-38443-031014-JT-001 3/10/2014	IA-9-A IA-38443-021715-GL-006 2/17/2015	IA-9-A SDD-IA-9A-0215 2/17/2015	IA-9-A IA-38443-071515-6L-029 7/15/2015	IA-9-A IA-38443-071515-6L-030 7/15/2015	IA-9-A IA-38443-041316-GL-012 4/13/2016	IA-9-A IA-38443-071017-GL-010 7/10/2017	IA-9-A IA-38443-071218-JC-010 7/12/2018	IA-9-A IA-38443-071619-GL-010 7/16/2019
			Sub-Slab Soil Gas	Indoor Air	a	b								Duplicate	
Volatile Organic Compounds															
1,1-Dichloroethane	ppbv	160	16	7.9 U	2.5 U	3.6 U	3.9 U	0.29 U	0.13 U	0.052 U	4.7 U	0.25 U	0.26 U	0.13 U	
Benzene	ppbv	20	2	17 U	5.3 U	17 J ^b	8.5 U	4 ^b	0.28 U	0.26 J	10 U	0.54 U	0.56 U	0.60 J	
Chloroform (Trichloromethane)	ppbv	800	80	12 U	3.6 U	5.3 U	5.8 U	0.14 U	0.19 U	0.076 U	6.9 U	0.37 U	0.38 U	0.19 U	
cis-1,2-Dichloroethene	ppbv	370	37	18 U	5.7 U	8.4 U	9.1 U	0.72 U	0.30 U	0.12 U	11 U	0.58 U	0.60 U	0.30 U	
Ethylbenzene	ppbv	2500	250	270 ^b	42	100	44	36.7	0.68 J	1.3 J	66	3.9	17	0.36 J	
m&p-Xylenes	ppbv	2000	200	1200 ^b	180	470 ^b	170	103	2.9 J	5.9 J	280 ^b	15	64	1.1	
Naphthalene	ppbv	29	2.9	27 U	8.5 U	13 U	14 U	0.71 U	0.45 U	0.18 UJ	16 U	0.87 U	0.90 U	0.45 UJ	
o-Xylene	ppbv	2000	200	390 ^b	66	130	49	40.1	0.95 J	1.8 J	82	4.2	16	0.34 J	
Tetrachloroethylene	ppbv	250	25	12 U	3.8 U	5.6 U	6.1 U	0.14 U	0.20 U	0.080 U	7.3 U	0.39 U	0.40 U	0.20 U	
Trichloroethylene	ppbv	20	2	13 J ^b	3.4 U	5.0 U	5.4 U	0.14 U	0.18 U	0.072 U	6.6 U	0.35 U	0.36 U	0.18 U	
Vinyl chloride	ppbv	20	2	22 U	6.7 U	9.9 U	11 U	0.14 U	0.36 U	0.14 U	13 U	0.69 U	0.71 U	0.36 U	

Notes:

D Compounds at secondary dilution factor.

J Estimated concentration

U Not detected at the associated reporting limit

UJ Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 2

Summary of Building 9 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-9-A IA-11208393-071520-JC-015 7/15/2020	IA-9-A IA-11208393-072021-JC-011 7/20/2021	IA-9-B IA-38443-031412-JC-195 3/14/2012	IA-9-B IA-38443-102413-GL-001 10/24/2013	IA-9-B IA-38443-031014-JT-002 3/10/2014	IA-9-B IA-38443-052014-GL-002 5/20/2014	IA-9-B IA-38443-021715-GL-007 2/17/2015	IA-9-B IA-38443-041316-GL-013 4/13/2016	IA-9-B IA-38443-071017-GL-012 7/10/2017	IA-9-B IA-38443-071218-JC-011 7/12/2018	IA-9-B IA-38443-071619-GL-011 7/16/2019	IA-9-B IA-11208393-071520-JC-016 7/15/2020	
Sample ID:													
Date													
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.47 U	0.47 U	22 U	6.3 U	0.47 U	0.026 U	0.52 U	2.0 U	0.039 U	1.4 U	0.052 U	0.90 U
Benzene	ppbv	1.0 U	1.0 U	48 U	14 U	8.1 ^b	0.15 J	4.2 ^b	4.3 U	0.13 J	3.0 U	0.15 J	1.9 U
Chloroform (Trichloromethane)	ppbv	0.69 U	0.69 U	32 U	9.2 U	0.69 U	0.038 U	0.76 U	2.9 U	0.057 U	2.1 U	0.076 U	1.3 U
cis-1,2-Dichloroethene	ppbv	1.1 U	1.1 U	51 U	15 U	1.1 U	0.060 U	1.2 U	4.6 U	0.089 U	3.2 U	0.12 U	2.1 U
Ethylbenzene	ppbv	1.2 U	1.2 U	94 J	39 J	73	0.41	39	56	0.53	14	0.14 U	2.4 U
m&p-Xylenes	ppbv	2.2 U	2.2 J	420 ^b	160	310 ^b	1.8	150	250 ^b	2.1	58	0.36 J	4.2 U
Naphthalene	ppbv	1.6 UJ	1.6 U	76 U	22 U	1.6 U	0.090 U	1.8 U	6.9 U	0.13 U	4.9 U	0.18 UJ	3.1 U
o-Xylene	ppbv	1.1 U	1.1 U	150 J	60	85	0.70	44	77	0.64	15	0.15 J	2.1 U
Tetrachloroethylene	ppbv	0.73 U	0.73 U	34 U	9.7 U	0.73 U	0.040 U	0.80 U	3.1 U	0.063 J	2.2 U	0.14 J	1.4 U
Trichloroethene	ppbv	0.65 U	0.58 U	31 U	8.7 U	0.65 U	0.036 U	0.72 U	2.8 U	0.054 U	1.9 U	0.072 U	1.3 U
Vinyl chloride	ppbv	1.3 UJ	1.3 U	60 U	17 U	1.3 U	0.071 U	1.4 U	5.5 U	0.11 U	3.8 U	0.14 U	2.5 U

Notes:

D Compounds at secondary dilution factor.

J Estimated concentration

U Not detected at the associated reporting limit

UU Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 2

Summary of Building 9 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-9-B	IA-9-B	IA-9-E	IA-9-E	OA-9	OA-9								
Sample ID:	IA-11208393-072021-JC-012	IA-11208393-072021-JC-013	IA-38443-052014-GL-004	IA-38443-052014-GL-005	OA-38443-031412-JC-192	OA-38443-102413-GL-003	OA-38443-031014-JT-003	OA-38443-052014-GL-006	OA-38443-021715-GL-008	OA-38443-071515-6L-027	OA-38443-041316-GL-014	OA-38443-041316-GL-014	OA-38443-071017-GL-011	
Date	7/20/2021	7/20/2021	5/20/2014	5/20/2014	3/14/2012	10/24/2013	3/10/2014	5/20/2014	2/17/2015	7/15/2015	4/13/2016	7/10/2017		
Parameters	Units													
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	0.47 U	0.50 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	1.0 U	1.2 J	0.17 J	0.19 J	0.32	0.056 U	0.25	0.16 J	0.31	0.079 J	0.15 J	0.091 J	
Chloroform (Trichloromethane)	ppbv	0.69 U	0.72 U	0.038 U	0.038 U	0.17 J	0.038 U							
cis-1,2-Dichloroethene	ppbv	1.1 U	1.1 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	
Ethylbenzene	ppbv	1.4 J	1.8 J	3.1	3.9	0.14 J	0.068 U	0.10 J	0.068 U	0.068 U	0.068 U	0.068 U	0.083 J	
m&p-Xylenes	ppbv	3.9	5.6	13	17	0.48	0.12 U	0.36	0.16 J	0.14 J	0.24	0.12 U	0.30	
Naphthalene	ppbv	1.6 U	1.7 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	
o-Xylene	ppbv	1.4 J	2.0 J	5.0	6.3	0.16 J	0.061 U	0.11 J	0.066 J	0.061 U	0.083 J	0.061 U	0.10 J	
Tetrachloroethylene	ppbv	0.73 U	0.76 U	0.040 U	0.040 U	0.23	0.040 U	0.040 U	0.064 J	0.040 U	0.040 U	0.040 U	0.063 J	
Trichloroethylene	ppbv	0.58 U	0.61 U	0.036 U	0.036 U	0.50	0.036 U	0.036 U	0.036 U	0.45	0.036 U	0.036 U	0.036 U	
Vinyl chloride	ppbv	1.3 U	1.4 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	

Notes:
D Compounds at secondary dilution factor.

J Estimated concentration

U Not detected at the associated reporting limit

UU Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 2

Summary of Building 9 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	OA-9	OA-9	OA-9	OA-9	OA-9	OA-9-Tree	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	
Sample ID:	OA-38443-071218-JC-012	OA-38443-071619-GL-012	OA-11208393-071520-JC-017	OA-11208393-072021-JC-014	OA-11208393-072021-JC-014	OA-38443-032712-JC-222	SS-38443-011112-JC-061	SS-38443-011112-JC-062	SS-38443-032712-JC-194	SDD-SS-9A-0215	SS-38443-021715-GL-005	SDD-SS-9A-0215	SS-38443-021715-GL-005	SDD-SS-9A-0715	SS-38443-071515-6L-028
Date	7/12/2018	7/16/2019	7/15/2020	7/20/2021	3/27/2012	1/11/2012	1/11/2012	3/27/2012	2/17/2015	2/17/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015	
Parameters	Units														
Volatile Organic Compounds															
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	3.5 U	3.5 U	4.3 U	0.29 U	1.7 U	8.9 U	2.5 U		
Benzene	ppbv	0.12 J	0.12 J	0.14 J	0.19 J	0.15 J	1.8 U	1.8 U	9.2 U	2	3.6 U	11 U	5.5 U		
Chloroform (Trichloromethane)	ppbv	0.038 U	0.038 U	0.051 J	0.040 J	0.038 U	4.6 J	4.3 J	8.6 J	0.69	2.5 U	7.4 U	3.7 U		
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	0.16 J	0.060 U	0.060 U	1.4 U	1.4 U	9.9 U	0.72 U	3.9 U	9.1 U	5.8 U		
Ethylbenzene	ppbv	0.13 J	0.068 U	0.068 U	0.068 U	0.068 U	2.2 U	2.2 U	11 U	4.8	4.4 U	8.3 U	6.6 U		
m&p-Xylenes	ppbv	0.22	0.18 J	0.21	0.15 J	0.12 U	4.8 U	4.8 U	20 U	6.1	7.8 U	17 U	12 U		
Naphthalene	ppbv	0.090 U	0.090 UJ	0.090 U	0.090 U	0.090 U	8.6 UJ	8.6 UJ	15 U	0.71 U	5.9 U	6.9 U	8.8 UJ		
o-Xylene	ppbv	0.061 U	0.071 J	0.082 J	0.069 J	0.061 U	2.2 U	2.2 U	10 U	0.93	4.0 U	8.3 U	5.9 U		
Tetrachloroethene	ppbv	2.3	0.30	0.040 U	0.040 U	0.040 U	48	54	80	30.5	23	68	86		
Trichloroethene	ppbv	0.036 U	0.036 U	0.069 J	0.032 U	0.042 J	1800 ^a	1800 ^a	3100 ^a	644 ^a	580 ^a	1500 D ^a	1700 ^a		
Vinyl chloride	ppbv	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	2.9 U	2.9 U	12 U	0.14 U	4.6 U	14 U	6.9 U		

Notes:

- D Compounds at secondary dilution factor.
- J Estimated concentration
- U Not detected at the associated reporting limit
- UU Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 2

Summary of Building 9 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-9-A	SS-9-A	SS-9-A	SS-9-A									
Sample ID:	SS-38443-041316-GL-010	SS-38443-041316-GL-011	SS-38443-071017-GL-008	SS-38443-071017-GL-009	SS-38443-071218-JC-008	SS-38443-071218-JC-009	SS-38443-071619-GL-008	SS-38443-071619-GL-009	SS-38443-071619-GL-009	SS-11208393-071520-JC-014	SS-11208393-071520-JC-018	SS-11208393-072021-JC-010	
Date	4/13/2016	4/13/2016	Duplicate	7/10/2017	Duplicate	7/12/2018	Duplicate	7/12/2018	Duplicate	7/16/2019	Duplicate	7/15/2020	Duplicate
Parameters													SS-9-A
Units													7/20/2021
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.90 U	0.80 U	0.52 U	0.46 U	1.4 U	0.62 U	0.47 U	0.26 U	0.55 U	0.56 U	0.37 U	
Benzene	ppbv	1.9 U	1.7 U	1.1 U	1.0 U	3.0 U	1.3 U	1.0 U	0.56 U	1.2 U	1.2 U	0.80 U	
Chloroform (Trichloromethane)	ppbv	1.3 U	1.2 U	0.76 U	0.68 U	2.0 U	0.90 U	0.69 U	0.59 J	0.84 J	0.81 U	0.54 U	
cis-1,2-Dichloroethene	ppbv	2.1 U	1.9 U	1.2 U	1.1 U	3.2 U	1.4 U	1.1 U	0.60 U	1.3 U	1.3 U	0.86 U	
Ethylbenzene	ppbv	2.4 U	4.1 J	1.7 J	2.1 J	3.6 U	1.7 J	1.2 U	0.68 U	1.4 U	1.5 U	1.4 J	
m&p-Xylenes	ppbv	7.8 J	18 J	6.8	7.7	6.4 U	2.9 U	2.2 U	1.2 U	2.5 U	2.6 U	4.4	
Naphthalene	ppbv	3.1 U	2.8 U	1.8 U	1.6 U	4.8 U	2.1 U	1.6 UJ	0.90 UJ	1.9 U	1.9 U	1.3 U	
o-Xylene	ppbv	2.5 J	5.7 J	1.9 J	2.4 J	3.2 U	2.1 J	1.1 U	0.61 U	1.3 U	1.3 U	1.5 J	
Tetrachloroethylene	ppbv	8.6	10	16	18	30	32	18 J	3.0 J	14	16	1.4 J	
Trichloroethene	ppbv	280 ^a	310 ^a	360 ^a	420 ^a	460 ^a	490 ^a	350 ^a	290 ^a	260 ^a	260 ^a	21 ^a	
Vinyl chloride	ppbv	2.5 U	2.2 U	1.4 U	1.3 U	3.8 U	1.7 U	1.3 U	0.71 U	1.5 U	1.5 U	1.0 U	

Notes:

D Compounds at secondary dilution factor.

J Estimated concentration

U Not detected at the associated reporting limit

UU Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 2

Summary of Building 9 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-9-B	SS-9-B	SS-9-B	SS-9-E
Sample ID:	SS-38443-011112-JC-063	SS-38443-031412-JC-196	SS-38443-052014-GL-001	SS-38443-052014-GL-003
Date	1/11/2012	3/14/2012	5/20/2014	5/20/2014
Parameters				
Units				
Volatile Organic Compounds				
1,1-Dichloroethane	ppbv	2.6 U	5.4 U	1.9
Benzene	ppbv	1.4 U	12 U	0.056 U
Chloroform (Trichloromethane)	ppbv	2.3 U	7.9 U	1.6
cis-1,2-Dichloroethene	ppbv	1.1 U	12 U	0.060 U
Ethylbenzene	ppbv	22	19 J	2.0
m&p-Xylenes	ppbv	92	76	8.9
Naphthalene	ppbv	6.5 UJ	19 U	0.090 U
o-Xylene	ppbv	27	26 J	3.0
Tetrachloroethylene	ppbv	0.83 U	8.3 U	0.50
Trichloroethylene	ppbv	2.3 U	7.5 U	1.3
Vinyl chloride	ppbv	2.2 U	15 U	0.071 U
1.0 Value greater than ODH Non-Residential Screening Level				

Notes:

- D Compounds at secondary dilution factor.
- J Estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 3a

Summary of Building 12 - S and J Precision Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location: Sample ID: Date	Parameters	Units	ODH Non-Residential Screening Levels		IA-12-SJ-A IA-38443-030712-JC-111 3/7/2012	IA-12-SJ-A IA-38443-102413-GL-012 10/24/2013	IA-12-SJ-A IA-38443-011714-GL-015 1/17/2014	IA-12-SJ-A IA-38443-040214-JT-004 4/2/2014	IA-12-SJ-A IA-38443-071317-GL-028 7/13/2017	IA-12-SJ-A IA-38443-071318-JC-015 7/13/2018	IA-12-SJ-A IA-38443-071819-GL-029 7/18/2018	IA-12-SJ-A IA-11208393-071420-JC-004 7/14/2020	IA-12-SJ-A IA-11208393-072121-JC-022 7/21/2021	IA-12-SJ-B IA-38443-102413-GL-015 10/24/2013
			Sub-Slab Soil Gas	Indoor Air	a	b								
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	160	16	0.026 U	0.13 U	0.026 U	0.026 U	0.52 U	0.026 U	0.026 U	0.35 U	0.026 U	0.13 U	
Benzene	ppbv	20	2	0.22	0.34 J	0.20	0.28	1.1 U	0.36	0.35	0.75 U	0.30	0.31 J	
Chloroform (Trichloromethane)	ppbv	800	80	0.066 J	0.19 U	0.038 U	0.038 U	0.76 U	0.065 J	0.086 J	0.51 U	0.047 J	0.19 U	
cis-1,2-Dichloroethene	ppbv	370	37	0.077 J	0.30 U	0.060 U	0.060 U	1.2 U	0.060 U	0.060 U	0.80 U	0.060 U	0.30 U	
Ethylbenzene	ppbv	2500	250	0.17 J	1.1	0.77	6.1	6.6	1.1	0.68	3.1	0.72	1.1	
m&p-Xylenes	ppbv	2000	200	0.58	3.6	2.6	14	23	3.7	2.7	13	2.8	3.3	
Naphthalene	ppbv	29	2.9	0.12 J	0.45 U	0.090 UJ	0.097 J	1.8 U	0.090 U	0.29 J	1.2 U	0.090 U	0.45 U	
o-Xylene	ppbv	2000	200	0.25	1.2	0.80	2.7	5.5	1.3	0.87	2.9	1.2	1.1	
Tetrachloroethylene	ppbv	250	25	0.62	0.40 J	0.33	0.41	0.80 U	6.4	4.9	0.91 J	0.85	0.43 J	
Trichloroethylene	ppbv	20	2	2.7 ^b	0.65 J	0.22	0.14 J	0.72 U	0.21	0.074 J	0.48 U	0.075 J	0.55 J	
Vinyl chloride	ppbv	20	2	0.071 U	0.36 U	0.071 U	0.071 U	1.4 U	0.071 U	0.071 U	0.95 U	0.071 U	0.36 U	

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UU Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 3a

Summary of Building 12 - S and J Precision Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-12-SJ-B	IA-12-SJ-B	IA-12-SJ-B	IA-12-SJ-C	IA-12-SJ-C	IA-12-SJ-C	IA-12-SJ-C	IA-12-SJ-C							
Sample ID:	IA-38443-021815-GL-011	IA-38443-071315-6L-003	IA-38443-061616-GL-016	IA-38443-102413-GL-011	IA-38443-011714-GL-016	IA-38443-040214-JT-005	IA-38443-061616-GL-018	IA-38443-071317-GL-030	IA-38443-071318-JC-017	IA-38443-071819-GL-031	IA-11208393-071420-JC-006	IA-11208393-072121-JC-024			
Date	2/18/2015	7/13/2015	6/16/2016	10/24/2013	1/17/2014	4/2/2014	6/16/2016	7/13/2017	7/13/2018	7/18/2019	7/14/2020	7/21/2021			
Parameters	Units														

Volatile Organic Compounds															
1,1-Dichloroethane	ppbv	0.47 U	0.026 U	3.8 U	0.13 U	0.026 U	0.026 U	1.6 U	0.52 U	0.026 U	0.10 U	0.35 U	0.35 U	0.026 U	0.026 U
Benzene	ppbv	1.0 U	0.24	8.1 U	0.34 J	0.21	0.30	3.5 U	1.1 U	0.36	0.23 J	0.75 U	0.28		
Chloroform (Trichloromethane)	ppbv	0.69 U	0.085 J	5.5 U	0.19 U	0.038 U	0.038 U	2.4 U	0.76 U	0.082 J	0.15 U	0.51 U	0.075 J		
cis-1,2-Dichloroethene	ppbv	1.1 U	0.060 U	8.7 U	0.30 U	0.060 U	0.060 U	3.8 U	1.2 U	0.060 U	0.24 U	0.80 U	0.060 U		
Ethylbenzene	ppbv	15	2.7	9.9 U	1.5	0.77	5.2	4.3 U	15	1.1	0.37 J	3.1	0.78		
m&p-Xlenes	ppbv	41 J	7.9	17 U	4.4	2.5	12	9.7 J	54	4.0	1.4	11	3.4		
Naphthalene	ppbv	1.6 U	0.70	13 U	0.45 U	0.11 J	0.097 J	5.6 U	1.8 U	0.45 J	0.36 UJ	1.2 U	0.090 U		
o-Xylene	ppbv	9.4	3.3	8.8 U	1.2	0.69	2.0	3.8 U	13	1.5	0.45 J	2.9	1.4		
Tetrachloroethene	ppbv	0.73 U	0.58	5.8 U	0.60 J	0.36	0.39	2.5 U	0.80 U	4.9	3.5	0.69 J	0.81		
Trichloroethene	ppbv	1.4 J	0.20	5.2 U	0.69 J	0.25	0.15 J	2.3 U	0.72 U	0.20	0.14 U	0.48 U	0.084 J		
Vinyl chloride	ppbv	1.3 U	0.071 U	10 U	0.36 U	0.071 U	0.071 U	4.4 U	1.4 U	0.071 U	0.28 UJ	0.95 U	0.071 U		

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 3a

Summary of Building 12 - S and J Precision Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-12-SJ-C-2012	IA-12-SJ-C-2013	IA-12-SJ-C-2013	IA-12-SJ-C-2013	IA-12-SJ-C-2013	IA-12-SJ-C-2013	IA-12-SJ-C-2013	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D
Sample ID:	IA-38443-030712-JC-114	IA-38443-071317-GL-029	IA-38443-071318-JC-018	IA-38443-071819-GL-028	IA-11208393-071420-JC-005	IA-11208393-072121-JC-025	IA-11208393-072121-JC-025	IA-38443-030712-JC-116	IA-38443-102413-GL-014	IA-38443-011714-GL-012	IA-38443-040214-JT-006	IA-38443-021815-GL-012	IA-38443-071315-GL-006	
Date	3/7/2012	7/13/2017	7/13/2018	7/18/2019	7/14/2020	7/21/2021	7/21/2021	3/7/2012	10/24/2013	1/17/2014	4/2/2014	2/18/2015	7/13/2015	
Parameters														
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	0.026 U	0.47 U	0.026 U	0.026 U	0.35 U	0.026 U	0.026 U	0.13 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	0.18 J	1.0 U	0.38	0.28	0.75 U	0.29	0.21	0.32 J	0.25	0.25	0.28	0.22	
Chloroform (Trichloromethane)	ppbv	0.049 J	0.69 U	0.065 J	0.085 J	0.51 U	0.038 U	0.074 J	0.19 U	0.038 U	0.038 U	0.038 U	0.065 J	
cis-1,2-Dichloroethene	ppbv	0.060 U	1.1 U	0.060 U	0.060 U	0.80 U	0.060 U	0.093 J	0.30 U	0.060 U	0.060 U	0.060 U	0.060 U	
Ethylbenzene	ppbv	0.094 J	8.0	1.1	0.72	2.8	0.73	0.17 J	1.1	0.70	4.7	9.3	2.9	
m&p-Xylenes	ppbv	0.29	27	3.8	2.8	11	2.9	0.51	3.3	2.3	11	24 J	8.1	
Naphthalene	ppbv	0.090 UJ	1.6 U	0.23 J	0.24 J	1.2 U	0.090 U	0.090 UJ	0.45 U	0.090 UJ	0.13 J	0.090 U	0.39 J	
o-Xylene	ppbv	0.12 J	6.4	1.4	0.84	2.7	1.2	0.23	1.0	0.64	1.8	5.4	3.0	
Tetrachloroethene	ppbv	0.41	0.73 U	6.6	5.1	1.0 J	0.90	0.67	0.37 J	0.36	0.35	0.24	0.45	
Trichloroethene	ppbv	1.6	0.65 U	0.18 J	0.26	0.48 U	0.041 J	3.1 ^b	0.63 J	0.27	0.14 J	0.18 J	0.64	
Vinyl chloride	ppbv	0.071 U	1.3 U	0.071 U	0.071 U	0.95 U	0.071 U	0.071 U	0.36 U	0.071 U	0.071 U	0.071 U	0.071 U	

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 3a

Summary of Building 12 - S and J Precision Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	OA-12	OA-12	OA-12	OA-12	OA-12	OA-12-SJ	OA-12-SJ
Sample ID:	IA-38443-061616-GL-020	IA-38443-071317-GL-031	IA-38443-071318-JC-016	IA-38443-071819-GL-030	IA-11208393-071420-JC-003	IA-11208393-072121-JC-023	IA-11208393-072121-JC-023	OA-38443-102413-GL-013	OA-38443-011714-GL-018	OA-11208393-072121-JC-026	OA-11208393-072121-JC-027	OA-38443-030712-JC-110	OA-38443-040214-JT-007	
Date	6/16/2016	7/13/2017	7/13/2018	7/18/2019	7/14/2020	7/21/2021	7/21/2021	10/24/2013	1/17/2014	7/21/2021	7/21/2021	3/7/2012	4/2/2014	
Parameters														
	Units													
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	4.1 U	0.43 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	8.9 U	1.1 J	0.36	0.27	0.22	0.30	0.12 J	0.23	0.22	0.21	0.056 U	0.33	
Chloroform (Trichloromethane)	ppbv	6.0 U	0.63 U	0.072 J	0.083 J	0.051 J	0.053 J	0.038 U	0.038 U	0.038 U	0.038 J	0.038 U	0.11 J	
cis-1,2-Dichloroethene	ppbv	9.5 U	1.0 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	
Ethylbenzene	ppbv	11 U	18	1.0	0.62	5.8	0.63	0.20	0.068 U	0.068 U	0.11 J	0.068 U	0.17 J	
m&p-Xylenes	ppbv	19 U	60	3.8	2.3	26	2.5	0.74	0.12 U	0.12 U	0.40	0.12 U	0.54	
Naphthalene	ppbv	14 UJ	1.5 U	0.48 J	0.33 J	0.090 UJ	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 UJ	0.090 U	
o-Xylene	ppbv	9.7 U	14	1.3	0.73	5.8	1.0	0.23	0.061 U	0.061 U	0.21	0.061 U	0.21	
Tetrachloroethene	ppbv	6.3 U	0.74 J	5.9	4.2	1.2	0.77	0.040 U	0.040 U	0.053 J	0.040 U	0.040 U	0.040 U	
Trichloroethene	ppbv	5.7 U	0.60 U	0.19 J	0.055 J	0.27	0.035 J	0.041 J	0.054 U	0.032 U	0.049 J	0.036 U	0.036 U	
Vinyl chloride	ppbv	11 U	1.2 U	0.071 U	0.071 UJ	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 3a

Summary of Building 12 - S and J Precision Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	OA-12-SJ	OA-12-SJ	OA-12-SJ	SS-12-SJ-A	SS-12-SJ-A	SS-12-SJ-A	SS-12-SJ-A	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	
Sample ID:	OA-38443-021815-GL-013	OA-38443-071315-6L-001	OA-38443-061616-GL-021	SS-38443-010612-JC-023	SS-38443-010612-JC-024	SS-38443-030712-JC-112	SS-38443-030712-JC-118	SS-38443-010612-JC-025	SS-38443-030712-JC-113	SS-38443-102413-GL-008	SS-38443-102413-GL-009	SS-38443-011714-GL-013	
Date	2/18/2015	7/13/2015	6/16/2016	1/6/2012	1/6/2012	3/7/2012	3/7/2012	1/6/2012	3/7/2012	10/24/2013	10/24/2013	1/17/2014	
Parameters													
Units													
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.026 UJ	0.026 U	0.026 U	R	3.5 U	1.8 U	1.8 U	9.0 U	5.8 U	8.7 U	8.2 U	6.2 U
Benzene	ppbv	0.29 J	0.14 J	0.78	R	1.8 U	3.9 U	4.0 U	4.6 U	12 U	19 U	18 U	13 U
Chloroform (Trichloromethane)	ppbv	0.038 UJ	0.038 U	0.038 U	R	8.8 J	9.5 J	9.7 J	25 J	32 J	37 J	38 J	38 J
cis-1,2-Dichloroethene	ppbv	0.060 UJ	0.060 U	0.060 U	R	26	23	24	570 ^a	530 ^a	470 ^a	480 ^a	390 J ^a
Ethylbenzene	ppbv	0.098 J	0.068 U	1.2	R	2.2 U	4.8 U	4.8 U	5.6 U	15 U	23 U	21 U	16 U
m&p-Xylenes	ppbv	0.27 J	0.18 J	5.0	R	4.8 U	8.4 U	8.5 U	12 U	27 U	40 U	38 U	29 U
Naphthalene	ppbv	0.090 UJ	0.090 U	0.096 J	R	8.6 U	6.3 U	6.4 U	22 UU	20 UU	30 U	28 U	22 U
o-Xylene	ppbv	0.080 J	0.067 J	2.1	R	2.2 U	4.3 U	4.3 U	5.6 U	14 U	21 U	19 U	15 U
Tetrachloroethene	ppbv	0.040 UJ	0.058 J	0.040 U	R	5.8 J	6.9 J	7.0 J	9.2 J	10 J	13 U	14 J	14 J
Trichloroethene	ppbv	0.036 UJ	0.44	0.036 U	R	1300 ^a	1400 ^a	1400 ^a	5600 ^a	5600 ^a	6700 ^a	7000 ^a	6400 ^a
Vinyl chloride	ppbv	0.071 UJ	0.071 U	0.071 U	R	2.9 U	5.0 U	5.0 U	7.4 U	16 U	24 U	22 U	17 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 3a

Summary of Building 12 - S and J Precision Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B
Sample ID:	SS-38443-011714-GL-014	SS-38443-040214-JT-001	SS-38443-040214-JT-002	SDD-SS-12SJ-B-0215	SS-38443-021815-GL-010	SDD-SS-12SJ-B-0715	SS-38443-071315-6L-002	SS-38443-061616-GL-014	SS-38443-061616-GL-015	SS-38443-071317-GL-026	SS-38443-071317-GL-027	SS-38443-071318-JC-013		
Date	1/17/2014	4/2/2014		2/18/2015	2/18/2015	7/13/2015	7/13/2015	6/16/2016	6/16/2016	7/13/2017	7/13/2017	7/13/2018		
Parameters	Units	Duplicate		Duplicate				Duplicate		Duplicate		Duplicate		
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	1.1 U	3.0 U	14 U	0.27 U	0.026 U	44 U	17 U	4.7 U	1.8 U	2.4 U	2.7 U	0.026 U	
Benzene	ppbv	2.4 U	6.5 U	29 U	0.52	0.43	56 U	38 U	10 U	3.8 U	5.1 U	5.9 U	0.62	
Chloroform (Trichloromethane)	ppbv	19 J	10 J	36 J	19	14	36 U	46 J	6.8 U	4.5 J	4.9 U	5.8 U	3.4	
cis-1,2-Dichloroethene	ppbv	210 J	120 J	410 J ^a	152	110	210	330	22 J	21	16 J	19 J	20	
Ethylbenzene	ppbv	2.9 U	7.8 U	36 U	4.1	4.0	41 U	46 U	12 U	4.6 U	6.2 U	7.1 U	0.068 U	
m&p-Xylenes	ppbv	5.1 U	14 U	63 U	11.7	11 J	82 U	81 U	22 U	8.2 U	11 U	13 U	0.21	
Naphthalene	ppbv	3.8 U	10 U	47 U	0.69 U	0.090 U	34 U	60 U	16 U	6.1 UJ	8.2 U	9.4 U	0.090 U	
o-Xylene	ppbv	2.6 U	7.0 U	32 U	2.7	2.5	41 U	41 U	11 U	4.2 U	5.6 U	6.4 U	0.11 J	
Tetrachloroethene	ppbv	7.3 J	4.6 U	21 U	9.8	8.1	26 U	27 U	43	40	43	49	52	
Trichloroethene	ppbv	5300 ^a	1600 J ^a	6100 J ^a	3300 ^a	2000 ^a	5700 ^a	7700 ^a	1500 ^a	1700 ^a	1400 ^a	1700 ^a	1500 ^a	
Vinyl chloride	ppbv	3.0 U	8.2 U	37 U	0.14 U	0.071 U	70 U	48 U	13 U	4.8 U	6.5 U	7.4 U	0.071 U	

Notes:
 J Estimated concentration
 JN Tentatively identified compound, estimated concentration
 NJ Tentatively identified compound, estimated concentration
 R Rejected
 U Not detected at the associated reporting limit
 UJ Not detected; associated reporting limit is estimated
 1.0 Value greater than ODH Non-Residential Screening Level

Table 3a

Summary of Building 12 - S and J Precision Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-C	SS-12-SJ-C	SS-12-SJ-C	SS-12-SJ-C	SS-12-SJ-C
Sample ID:	SS-38443-071318-JC-014	SS-38443-071819-GL-026	SS-38443-071819-GL-027	SS-11208393-071420-JC-001	SS-11208393-071420-JC-002	SS-11208393-072121-JC-021	SS-38443-010612-JC-026	SS-38443-030712-JC-115	SS-38443-102413-GL-010	SS-38443-011714-GL-017	SS-38443-040214-JT-003	
Date	7/13/2018	7/18/2019	7/18/2019	7/14/2020	7/14/2020	7/21/2021	1/6/2012	3/7/2012	10/24/2013	1/17/2014	4/2/2014	
Parameters	Units											
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	0.026 U	2.7 U	2.9 U	2.7 U	2.7 U	2.0 U	0.35 U	0.26 U	0.052 U	0.052 U	0.026 U
Benzene	ppbv	0.60	5.8 U	6.3 U	5.9 U	5.7 U	4.3 U	0.18 U	0.56 U	0.12 J	0.15 J	0.14 J
Chloroform (Trichloromethane)	ppbv	3.4	3.9 U	4.3 U	4.0 U	3.9 U	2.9 U	0.79 J	0.70 J	0.16 J	0.076 U	0.071 J
cis-1,2-Dichloroethene	ppbv	20	13 J	13 J	12 J	13 J	12 J	0.65 J	0.60 U	0.18 J	0.12 U	0.060 U
Ethylbenzene	ppbv	0.068 U	7.0 U	7.7 U	7.2 U	7.0 U	5.2 U	0.22 U	0.68 U	0.14 U	0.23 J	0.068 U
m,p-Xylenes	ppbv	0.16 J	12 U	14 U	13 U	12 U	9.1 U	0.48 U	1.2 U	0.43	0.79	0.12 U
Naphthalene	ppbv	0.090 U	9.3 U	10 U	9.5 U	9.2 U	6.8 U	0.86 U	0.90 UJ	0.18 U	0.18 U	0.090 U
o-Xylene	ppbv	0.065 J	6.3 U	6.9 U	6.5 U	6.2 U	4.6 U	0.22 U	0.61 U	0.14 J	0.27 J	0.061 U
Tetrachloroethene	ppbv	39	33	34	37	40	29	28	23	4.5	3.0	1.5
Trichloroethene	ppbv	1200 ^a	1000 ^a	1000 ^a	1000 ^a	1200 ^a	880 ^a	230 ^a	180 ^a	31 ^a	17	9.5
Vinyl chloride	ppbv	0.071 U	7.3 U	8.0 U	7.5 U	7.3 U	5.4 U	0.29 U	0.71 U	0.14 U	0.14 U	0.071 U

Notes:
 J Estimated concentration
 JN Tentatively identified compound, estimated concentration
 NJ Tentatively identified compound, estimated concentration
 R Rejected
 U Not detected at the associated reporting limit
 UJ Not detected; associated reporting limit is estimated
 1.0 Value greater than ODH Non-Residential Screening Level

Table 3a

Summary of Building 12 - S and J Precision Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-12-SJ-C	SS-12-SJ-D	SS-12-SJ-D	SS-12-SJ-D	SS-12-SJ-D	SS-12-SJ-D
Sample ID:	SS-38443-061616-GL-017	SS-38443-010612-JC-027	SS-38443-030712-JC-117	SS-12-SJ-D	SS-38443-071215-6L-004	SS-38443-071215-6L-005
Date	6/16/2016	1/6/2012	3/7/2012	10/24/2013	7/12/2015	7/12/2015 Duplicate
Parameters	Units					
Volatile Organic Compounds						
1,1-Dichloroethane	ppbv	0.67	1.1 U	2.0 U	--	0.13 U
Benzene	ppbv	0.15 J	0.54 U	4.2 U	--	0.28 U
Chloroform (Trichloromethane)	ppbv	0.096 J	24	23	--	0.69 J
cis-1,2-Dichloroethene	ppbv	0.12 U	240	200	--	24
Ethylbenzene	ppbv	0.15 J	0.66 U	5.2 U	--	0.34 U
m&p-Xylenes	ppbv	0.48	1.4 U	9.1 U	--	0.60 U
Naphthalene	ppbv	6.2	2.6 U	6.8 U	--	0.45 U
o-Xylene	ppbv	0.21 J	0.66 U	4.6 U	--	0.31 U
Tetrachloroethene	ppbv	0.92	3.5 J	3.2 J	--	0.68 J
Trichloroethene	ppbv	4.2	1200 ^a	940 ^a	1500 ^a	110 ^a
Vinyl chloride	ppbv	0.14 U	0.87 U	5.4 U	--	0.36 U
						0.71 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 3b

Summary of Building 12 - Overstreet Painting Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A
Sample ID:	IA-38443-031512-JC-215	IA-38443-102413-GL-005	IA-38443-011714-GL-021	IA-38443-040314-JT-010	IA-38443-021815-GL-016	SDD-IA-12OPA-0215	IA-38443-071315-6L-011	IA-38443-061516-GL-012	IA-38443-071317-GL-036	IA-38443-071318-JC-025	IA-38443-100418-AS-002			
Date	3/15/2012	10/24/2013	1/17/2014	4/3/2014	2/18/2015	2/18/2015	7/13/2015	6/15/2016	7/13/2017	7/13/2018	10/4/2018			
Parameters	ODH Non-Residential Screening Levels	Sub-Slab Soil Gas	Indoor Air											
	Units	a	b											
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	160	16	0.026 U	0.10 U	0.026 U	0.052 U	R	0.24 U	0.26 U	0.50 U	0.26 U	0.026 U	0.026 U
Benzene	ppbv	20	2	9.7 ^b	8.8 ^b	3.5 ^b	7.4 ^b	R	5 ^b	4.4 ^b	33 ^b	17 ^b	0.056 U	4.3 ^b
Chloroform (Trichloromethane)	ppbv	800	80	0.23	0.15 U	0.038 U	0.076 U	R	0.12 U	0.38 U	0.73 U	0.39 U	0.038 U	0.10 J
cis-1,2-Dichloroethene	ppbv	370	37	0.35	0.35 J	0.060 U	0.12 U	R	0.62 U	0.60 U	1.2 U	0.61 U	3.9	0.060 U
Ethylbenzene	ppbv	2500	250	8.4	9.9	4.8	12	R	8.8	10	31	39	0.068 U	7.5
m&p-Xylenes	ppbv	2000	200	34	37	19	46	R	34.4	44	120	170	0.12 U	32
Naphthalene	ppbv	29	2.9	0.37 J	0.36 U	0.47 J	0.81 J	R	3.3 ^b	1.1 J	1.9 J	4.5 J ^b	0.090 U	1.2
o-Xylene	ppbv	2000	200	12	12	6.2	17	R	10.1	15	42	60	0.061 U	11
Tetrachloroethene	ppbv	250	25	0.24	0.16 U	0.18 U	0.080 U	R	0.13 U	0.40 U	0.77 U	0.41 U	4.6	11
Trichloroethene	ppbv	20	2	5.0 ^b	6.0 ^b	0.54	0.33 J	R	0.24	0.36 U	0.69 U	0.36 U	0.43	0.39
Vinyl chloride	ppbv	20	2	0.071 U	0.28 U	0.071 U	0.14 U	R	0.13 U	0.71 U	1.4 U	0.72 U	0.071 U	0.071 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UU Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 3b

Summary of Building 12 - Overstreet Painting Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-12-OP-A IA-38443-071819-GL-037	IA-12-OP-A IA-11208393-071420-JC-009	IA-12-OP-A IA-11208393-072121-JC-030	IA-12-OP-A IA-11208393-072121-JC-031	IA-12-OP-B IA-38443-031512-JC-217	IA-12-OP-B IA-38443-102413-GL-007	IA-12-OP-B IA-38443-011714-GL-020	IA-12-OP-B IA-38443-040314-JT-011	IA-12-OP-B IA-38443-071315-6L-010	IA-12-OP-B IA-38443-061516-GL-010	IA-12-OP-B IA-38443-071317-GL-033	IA-12-OP-B IA-38443-071318-JC-022
Sample ID:	7/18/2019	7/14/2020			3/15/2012	10/24/2013	1/17/2014	4/3/2014	7/13/2015	6/15/2016	7/13/2017	7/13/2018
Date				7/21/2021 Duplicate								
Parameters	Units											
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	0.026 U	0.26 U	0.026 U	0.13 U	0.10 U	0.10 U	0.026 U	0.26 U	0.14 U	0.87 U	0.26 U
Benzene	ppbv	8.1 ^b	3.0 ^b	5.9 ^b	5.8 ^b	14 ^b	11 ^b	5.0 ^b	25 ^b	4.2 ^b	39 ^b	11 ^b
Chloroform (Trichloromethane)	ppbv	0.15 J	0.38 U	0.070 J	0.19 U	0.37 J	0.15 U	0.038 U	0.38 U	0.21 J	1.3 U	0.38 U
cis-1,2-Dichloroethene	ppbv	0.060 U	0.60 U	0.060 U	0.30 U	0.37 J	0.36 J	0.060 U	0.60 U	0.31 U	2.0 U	0.60 U
Ethylbenzene	ppbv	10	1.9 J	5.3	4.3	10	13	7.4	29	8.9	63	15
m&p-Xylenes	ppbv	41	6.8	22	19	37	50	29	110	37	250 ^b	61
Naphthalene	ppbv	0.56	0.90 U	0.27 J	0.45 U	0.89 J	0.54 J	0.51 J	0.90 U	0.47 U	4.7 J ^b	1.3 J
o-Xylene	ppbv	13	2.5	7.0	5.7	12	16	9.4	38	12	89	21
Tetrachloroethylene	ppbv	0.83	0.40 U	0.091 J	0.20 U	0.51 J	0.16 U	0.12 U	0.40 U	0.21 U	1.3 U	0.40 U
Trichloroethylene	ppbv	0.28	0.97 J	0.032 U	0.16 U	5.6 ^b	5.8 ^b	0.43	0.36 U	0.19 U	1.2 U	0.36 U
Vinyl chloride	ppbv	0.071 U	0.71 U	0.071 U	0.36 U	0.28 U	0.28 U	0.071 U	0.71 U	0.37 U	2.4 U	0.71 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 3b

Summary of Building 12 - Overstreet Painting Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-12-OP-B IA-38443-100418-AS-001 10/4/2018	IA-12-OP-B IA-38443-071819-GL-035 7/18/2019	IA-12-OP-B IA-11208393-071420-JC-011 7/14/2020	IA-12-OP-B IA-11208393-071420-JC-012 7/14/2020 Duplicate	IA-12-OP-B IA-11208393-072121-JC-032 7/21/2021	IA-12-OP-Office IA-38443-071317-GL-037 7/13/2017	IA-12-OP-Office IA-38443-071318-JC-023 7/13/2018	IA-12-OP-Office IA-11208393-071420-JC-013 7/14/2020	IA-12-OP-Office IA-11208393-072121-JC-033 7/21/2021	OA-12 OA-38443-102413-GL-013 10/24/2013	OA-12 OA-38443-011714-GL-018 1/17/2014
Parameters											
Units											
Volatile Organic Compounds											
1,1-Dichloroethane											
Benzene											
Chloroform (Trichloromethane)											
cis-1,2-Dichloroethene											
Ethylbenzene											
m,p-Xylenes											
Naphthalene											
o-Xylene											
Tetrachloroethene											
Trichloroethene											
Vinyl chloride											
Notes:											
J Estimated concentration											
JN Tentatively identified compound, estimated concentration											
NJ Tentatively identified compound, estimated concentration											
R Rejected											
U Not detected at the associated reporting limit											
UU Not detected; associated reporting limit is estimated											
1.0 Value greater than ODH Non-Residential Screening Level											

Table 3b

Summary of Building 12 - Overstreet Painting Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	OA-12 OA-11208393-072121-JC-026	OA-12 OA-11208393-072121-JC-027	OA-12-OP OA-38443-031512-JC-214	OA-12-OP OA-38443-040314-JT-012	OA-12-OP-2015 OA-38443-021815-GL-017	OA-12-OP-2015 OA-38443-071315-6L-007	OA-12-OP-2015 OA-38443-061516-GL-013	OA-12-OP-2015 OA-38443-071317-GL-038	OA-12-OP-2015 OA-38443-071318-JC-019	OA-12-OP-2015 OA-38443-071819-GL-032	OA-12-OP-2015 OA-11208393-071420-JC-007	
Sample ID:			Date 7/21/2021	Date 7/21/2021	Date 3/15/2012	Date 4/3/2014	Date 2/18/2015	Date 7/13/2015	Date 6/15/2016	Date 7/13/2017	Date 7/13/2018	Date 7/18/2019
Parameters	Units											
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	0.026 U	0.026 U	0.026 UJ	0.026 U	0.026 U				
Benzene	ppbv	0.22	0.21	0.22	0.33	0.15 J	0.12 J	0.19 J	0.14 J	0.25	0.78	0.10 J
Chloroform (Trichloromethane)	ppbv	0.038 U	0.038 J	0.074 J	0.038 U	0.038 UJ	0.038 U	0.038 U	0.038 U	0.038 U	0.078 J	0.038 U
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	0.060 U	0.060 U	0.060 UJ	0.060 U	0.060 U				
Ethylbenzene	ppbv	0.068 U	0.11 J	0.068 U	0.13 J	0.068 UJ	0.084 J	0.15 J	0.11 J	0.15 J	0.58	0.071 J
m&p-Xylenes	ppbv	0.12 U	0.40	0.12 U	0.44	0.12 UJ	0.32	0.43	0.45	0.54	2.6	0.24
Naphthalene	ppbv	0.090 U	0.090 U	0.090 U	0.090 U	0.090 UJ	0.090 U	0.090 UJ	0.090 U	0.090 U	0.090 U	0.090 U
o-Xylene	ppbv	0.061 U	0.21	0.061 U	0.17 J	0.061 UJ	0.12 J	0.15 J	0.16 J	0.21	0.76	0.087 J
Tetrachloroethene	ppbv	0.053 J	0.040 U	0.057 J	0.040 U	0.040 UJ	0.040 U	0.040 U	0.040 U	0.062 J	0.059 J	0.13 J
Trichloroethene	ppbv	0.032 U	0.049 J	0.10 J	0.036 U	0.036 UJ	0.036 U	0.078 J				
Vinyl chloride	ppbv	0.071 U	0.071 U	0.071 U	0.071 U	0.071 UJ	0.071 U	0.071 U				

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UU Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 3b

Summary of Building 12 - Overstreet Painting Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A
Sample ID:	SS-38443-010612-JC-022	SS-38443-031512-JC-216	SS-38443-102413-GL-004	SS-38443-011714-GL-022	SS-38443-040314-JT-008	SS-38443-021815-GL-015A	SS-38443-071315-6L-012	SS-38443-061516-GL-011	SS-38443-071317-GL-034	SS-38443-071317-GL-035	SS-38443-071318-JC-024	SS-38443-071819-GL-036		
Date	1/6/2012	3/15/2012	10/24/2013	1/17/2014	4/3/2014	2/18/2015	7/13/2015	6/15/2016	7/13/2017	7/13/2017	7/13/2018	7/18/2019	Duplicate	
Parameters														
Units														
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	5.3 U	5.8 J	6.6 U	0.61 U	2.1 U	0.52 U	0.35 U	2.5 U	2.6 U	2.3 U	3.0 U	0.77 U	
Benzene	ppbv	2.7 U	3.9 U	14 U	1.3 U	4.6 U	1.1 U	0.76 U	5.3 U	5.5 U	5.0 U	6.4 U	1.7 U	
Chloroform (Trichloromethane)	ppbv	51	66	100	11	17	6.1	8.8	19	22	18	22 J	20	
cis-1,2-Dichloroethene	ppbv	570 ^a	920 ^a	990 ^a	140	260	94	110	310	300	260	350	280	
Ethylbenzene	ppbv	3.3 U	4.7 U	17 U	1.6 U	5.6 U	1.4 U	0.93 U	6.5 U	6.7 U	6.1 U	7.7 U	2.0 U	
m&p-Xylenes	ppbv	7.2 U	8.3 U	30 U	2.8 U	9.8 U	3.4 J	3.2	11 U	12 U	11 U	14 U	3.6 U	
Naphthalene	ppbv	13 U	6.2 U	23 U	2.1 U	7.4 U	1.8 U	1.2 U	8.6 UJ	8.9 U	8.0 U	10 U	2.7 U	
o-Xylene	ppbv	3.3 U	4.2 U	15 U	1.4 U	5.0 U	1.2 U	1.2 J	5.8 U	6.0 U	5.4 U	6.9 U	1.8 U	
Tetrachloroethylene	ppbv	3.8 J	3.9 J	10 U	1.1 J	3.3 U	14	1.7 J	3.8 U	4.0 U	3.6 U	4.6 U	3.1 J	
Trichloroethene	ppbv	2400 ^a	2600 ^a	4800 ^a	710 ^b	950 ^a	270 ^a	460 ^a	980 ^a	1000 ^a	840 ^a	1200 ^a	1000 ^a	
Vinyl chloride	ppbv	4.4 U	4.9 U	18 U	1.7 U	5.8 U	1.4 U	0.97 U	6.8 U	7.0 U	6.3 U	8.1 U	2.1 U	

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 3b

Summary of Building 12 - Overstreet Painting Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-12-OP-A	SS-12-OP-A	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B							
Sample ID:	SS-11208393-071420-JC-008	SS-11208393-072121-JC-028	SS-38443-010612-JC-021	SS-38443-031512-JC-218	SS-38443-102413-GL-006	SS-38443-011714-GL-019	SS-38443-040314-JT-009	SS-38443-021815-GL-014	SS-38443-021815-GL-014	SS-38443-021815-GL-015B	SS-38443-071315-6L-008	SS-38443-071315-6L-009	SS-38443-061516-GL-008	SS-38443-061516-GL-008
Date	7/14/2020	7/21/2021	1/6/2012	3/15/2012	10/24/2013	1/17/2014	4/3/2014	2/18/2015	2/18/2015	2/18/2015	7/13/2015	7/13/2015	6/15/2016	Duplicate
Parameters	Units													
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	1.7 U	0.71 U	5.2 U	5.9 U	5.2 U	2.1 U	2.1 U	3.6 U	3.5 U	3.1 U	2.5 U	2.5 U	4.8 U
Benzene	ppbv	3.7 U	1.8 J	2.7 U	13 U	11 U	4.5 U	16	7.7 U	7.6 U	6.8 U	5.3 U	5.3 U	10 U
Chloroform (Trichloromethane)	ppbv	14	13	71	110	97	68	22	25 J	24 J	15 J	11 J	11 J	31 J
cis-1,2-Dichloroethene	ppbv	170	170	440 ^a	770 ^a	290	220	100	140	140	96	64	64	250
Ethylbenzene	ppbv	4.6 U	1.8 U	3.3 U	15 U	14 U	5.4 U	21	9.3 U	9.3 U	8.2 U	6.4 U	6.4 U	13 U
m&p-Xylenes	ppbv	8.0 U	3.3 U	7.1 U	27 U	24 U	9.6 U	78	16 U	16 U	14 U	11 U	11 U	22 U
Naphthalene	ppbv	6.0 U	2.4 U	13 U	20 U	18 U	7.2 U	7.1 U	12 U	12 U	11 U	8.5 U	8.5 U	17 UJ
o-Xylene	ppbv	4.1 U	1.7 U	3.3 U	14 U	12 U	4.9 U	27	8.4 U	8.3 U	7.4 U	5.8 U	5.8 U	11 U
Tetrachloroethene	ppbv	2.7 U	1.5 J	4.9 J	9.8 J	30 J	37	13 J	16 J	16 J	24	17 J	17 J	83
Trichloroethene	ppbv	610 ^a	600 ^a	2800 ^a	5400 ^a	4700 ^a	4500 ^a	1100 ^a	1500 ^a	1500 ^a	1300 ^a	800 ^a	800 ^a	3300 ^a
Vinyl chloride	ppbv	4.8 U	1.9 U	4.3 U	16 U	14 U	5.7 U	5.6 U	9.8 U	9.7 U	8.6 U	6.7 U	6.7 U	13 U

Notes:
J Estimated concentration
JN Tentatively identified compound, estimated concentration
NJ Tentatively identified compound, estimated concentration
R Rejected
U Not detected at the associated reporting limit
UJ Not detected; associated reporting limit is estimated
1.0 Value greater than ODH Non-Residential Screening Level

Table 3b

Summary of Building 12 - Overstreet Painting Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-C						
Sample ID:	SS-38443-061516-GL-009	SS-38443-071317-GL-032	SS-38443-071318-JC-020	SS-38443-071318-JC-021	SS-38443-071819-GL-033	SS-38443-071819-GL-034	SS-11208393-071420-JC-010	SS-11208393-072121-JC-029	SS-11208393-072121-JC-029	SS-12-OP-C
Date	6/15/2016	7/13/2017	7/13/2018	7/13/2018	7/18/2019	7/18/2019	7/18/2019	7/14/2020	7/21/2021	10/24/2013
Parameters										Units
Volatile Organic Compounds										
1,1-Dichloroethane	ppbv	7.9 U	4.5 U	2.0 U	0.47 U	4.0 U	3.7 U	2.7 U	0.052 U	--
Benzene	ppbv	17 U	9.6 U	4.4 U	1.0 U	8.6 U	8.0 U	5.7 U	5.7	--
Chloroform (Trichloromethane)	ppbv	37 J	17 J	24	19	22 J	18 J	11 J	0.55	--
cis-1,2-Dichloroethene	ppbv	270	94	120	95	100	78	56	2.7	--
Ethylbenzene	ppbv	21 U	12 U	5.3 U	1.2 U	10 U	9.8 U	7.0 U	3.4	--
m&p-Xylenes	ppbv	36 U	21 U	9.4 U	2.2 U	18 U	17 U	12 U	14	--
Naphthalene	ppbv	27 UJ	15 U	7.1 U	1.6 U	14 U	13 U	9.2 U	0.18 U	--
o-Xylene	ppbv	18 U	10 U	4.8 U	1.1 U	9.4 U	8.7 U	6.3 U	4.3	--
Tetrachloroethene	ppbv	100	50	79	72	77	64	40	2.0	--
Trichloroethene	ppbv	4000 ^a	1500 ^a	2400 ^a	2200 ^a	2200 ^a	1800 ^a	1000 ^a	49 ^a	1800 ^a
Vinyl chloride	ppbv	21 U	12 U	5.6 U	1.3 U	11 U	10 U	7.3 U	0.14 U	--

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 4

Summary of Building 14 - NexGen Vending Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:															
Sample ID:															
Date															
Parameters	ODH Non-Residential Screening Levels	Sub-Slab Soil Gas	Indoor Air	IA-14-A IA-38443-032712-JC-224 3/27/2012	IA-14-A IA-38443-080212-GL-032 8/2/2012	IA-14-A IA-38443-011614-GL-003 1/16/2014	IA-14-A IA-38443-060314-GL-009 6/3/2014	IA-14-A IA-38443-061516-GL-003 6/15/2016	IA-14-A IA-38443-071117-GL-017 7/11/2017	IA-14-A IA-38443-072518-JC-035 7/25/2018	IA-14-A IA-38443-071719-GL-015 7/17/2019	IA-14-A IA-11208393-071620-JC-027 7/16/2020	IA-14-A IA-11208393-072021-JC-016 7/20/2021	IA-14-A IA-11208393-072021-JC-016 7/20/2021	
Units		a	b												
Volatile Organic Compounds															
1,1-Dichloroethane	ppbv	160	16	0.026 U	0.046 J	0.026 U	0.026 U	0.026 U	0.026 U	0.050 U	0.13 U	0.077 U	0.060 J		
Benzene	ppbv	20	2	0.58	2.4 ^b	3.2 ^b	0.54	1.9	0.63	3.5 ^b	1.5	0.87	0.67		
Chloroform (Trichloromethane)	ppbv	800	80	0.038 U	0.15 J	0.038 U	0.038 U	0.074 J	0.093 J	0.13 J	0.19 U	0.11 U	0.048 J		
cis-1,2-Dichloroethene	ppbv	370	37	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.12 U	0.30 U	0.18 U	0.060 U		
Ethylbenzene	ppbv	2500	250	0.21	1.2	1.8	0.59	1.0	1.6	2.3	2.3	0.40 J	0.36		
m&p-Xylenes	ppbv	2000	200	0.58	4.4	6.2	2.2	3.3	6.1	7.8	10	1.6	1.4		
Naphthalene	ppbv	29	2.9	0.090 U	0.37 J	0.090 UJ	0.26 J	0.20 J	0.29 J	0.28 J	0.45 UJ	0.27 UJ	0.090 U		
o-Xylene	ppbv	2000	200	0.19 J	1.7	2.2	0.94	1.3	2.3	2.9	2.9	0.55 J	0.47		
Tetrachloroethylene	ppbv	250	25	0.040 U	0.054 J	0.28	0.040 U	0.060 J	0.28	0.30 U	0.20 U	0.12 U	0.040 U		
Trichloroethylene	ppbv	20	2	0.047 J	0.043 J	0.036 U	0.036 U	0.036 U	0.036 U	0.069 U	0.18 U	0.11 U	0.043 J		
Vinyl chloride	ppbv	20	2	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.14 U	0.36 U	0.21 UJ	0.071 U		

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 4

Summary of Building 14 - NexGen Vending Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-14-A IA-11208393-072021-JC-017 7/20/2021 Duplicate	IA-14-B IA-38443-032712-JC-226 3/27/2012	IA-14-B IA-38443-080212-GL-034 8/2/2012	IA-14-B IA-38443-011614-GL-005 1/16/2014	IA-14-B IA-38443-060314-GL-010 6/3/2014	IA-14-B IA-38443-061516-GL-006 6/15/2016	IA-14-B IA-38443-071117-GL-016 7/11/2017	IA-14-B IA-38443-072518-JC-036 7/25/2018	IA-14-B IA-38443-071719-GL-016 7/17/2019	IA-14-B IA-11208393-071620-JC-028 7/16/2020	IA-14-B IA-11208393-072021-JC-018 7/20/2021	IA-14-C IA-38443-032712-JC-228 3/27/2012
Parameters	Units											
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	0.073 J	0.035 J	0.055 J	0.026 U	0.026 U	0.026 U	0.051 U	0.13 U	0.026 U	0.10 J	0.026 U
Benzene	ppbv	0.68	0.67	2.1 ^b	2.1 ^b	0.43	0.95	0.45	2.5 ^b	1.9	0.87	0.28
Chloroform (Trichloromethane)	ppbv	0.050 J	0.038 U	0.18 J	0.038 U	0.073 J	0.14 J	0.14 J	0.10 J	0.19 U	0.064 J	0.076 J
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	0.12 U	0.060 U	0.060 U	0.060 U	0.060 U	0.12 U	0.30 U	0.11 J	0.060 U
Ethylbenzene	ppbv	0.37	0.32	0.95	1.6	0.64	0.76	1.1	1.8	2.9	0.44	0.13 J
m&p-Xlenes	ppbv	1.4	1.3	3.6	5.4	2.3	2.6	4.0	6.0	13	1.6	0.40
Naphthalene	ppbv	0.090 U	0.20 J	0.34 J	0.13 J	0.090 U	0.14 J	0.18 J	0.22 J	0.45 UJ	0.090 U	0.090 U
o-Xylene	ppbv	0.49	0.48	1.4	1.9	0.98	1.1	1.6	2.2	3.8	0.53	0.15 J
Tetrachloroethene	ppbv	0.040 U	0.040 U	0.080 U	0.058 U	0.047 U	0.11 J	0.22	0.33 J	0.20 U	0.11 J	0.040 U
Trichloroethene	ppbv	0.051 J	0.080 J	0.072 U	0.036 U	0.036 U	0.036 U	0.050 J	0.071 U	0.18 U	2.0	0.053 J
Vinyl chloride	ppbv	0.071 U	0.071 U	0.14 U	0.071 U	0.071 U	0.071 U	0.071 U	0.14 U	0.36 U	0.071 U	0.036 J
		1.0										

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 4

Summary of Building 14 - NexGen Vending Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-14-C IA-38443-080212-GL-036	IA-14-C IA-38443-011614-GL-006	IA-14-C IA-38443-060314-GL-006	IA-14-C SDD-IA-14C-0215	IA-14-C IA-38443-071615-6L-037	IA-14-C 7/16/2015	IA-14-C 7/16/2015	IA-14-C 7/16/2015	IA-14-C 6/15/2016	IA-14-C 7/11/2017	IA-14-C 7/25/2018	IA-14-C 7/17/2019	IA-14-C 7/16/2020	IA-14-C 7/20/2021
Sample ID:	8/2/2012	1/16/2014	6/3/2014	2/19/2015	7/16/2015	7/16/2015	Duplicate							
Parameters	Units													
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	0.052 U	0.026 U	0.026 U	0.27 U	0.026 U	0.026 U	0.026 U	0.026 U	0.052 U	0.13 U	0.22 ^b	0.026 U	0.026 U
Benzene	ppbv	2.0	1.8	0.43	1	1.5	1.7	0.96	0.41	1.7	1.7	2.2 ^b	0.77	0.23
Chloroform (Trichloromethane)	ppbv	0.15 J	0.038 J	0.070 J	0.14 U	0.13 J	0.14 J	0.28	0.16 J	0.12 J	0.19 U	0.051 J	0.098 J	0.060 U
cis-1,2-Dichloroethene	ppbv	0.12 U	0.060 U	0.060 U	0.69 U	0.060 U	0.060 U	0.060 U	0.060 U	0.12 U	0.30 U	0.060 U	0.060 U	0.060 U
Ethylbenzene	ppbv	0.81	0.88	0.81	0.27 U	1.4	1.5	0.69	1.0	1.1	3.8	0.38	0.069 J	
m&p-Xylenes	ppbv	3.1	2.9	3.0	0.59	5.7	6.2	2.3	3.7	3.5	18	1.4	0.19 J	
Naphthalene	ppbv	0.18 U	0.090 U	0.26 J	0.69 U	0.26 J	0.32 J	0.11 J	0.19 J	0.18 U	0.45 UJ	0.090 U	0.090 U	
o-Xylene	ppbv	1.2	1.0	1.3	0.27 U	1.9	2.1	0.97	1.4	1.3	4.9	0.48	0.074 J	
Tetrachloroethylene	ppbv	0.080 U	0.047 U	0.057 U	0.14 U	0.040 U	0.040 U	0.099 J	0.23	0.080 U	0.20 U	0.040 U	0.040 U	0.040 U
Trichloroethylene	ppbv	0.079 J	0.036 U	0.036 U	0.14 U	0.036 U	0.036 U	0.036 U	0.036 U	0.072 U	0.18 U	0.047 J	0.076 J	
Vinyl chloride	ppbv	0.14 U	0.071 U	0.071 U	0.14 U	0.071 U	0.071 U	0.071 U	0.071 U	0.14 U	0.36 U	0.071 U	0.071 U	0.071 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 4

Summary of Building 14 - NexGen Vending Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location: OA-14-2012 OA-14-2012 OA-14-2012 OA-14-2012 OA-14-2014 OA-14-2014 OA-14-2014 OA-14-2014 OA-14-2014 OA-14-2014 OA-14-2014 OA-14-2014
Sample ID: OA-38443-010612-JC-016 OA-38443-032712-JC-223 OA-38443-080212-GL-037 OA-38443-011614-GL-007 OA-38443-060314-GL-011 OA-38443-021915-GL-028 OA-38443-071615-6L-035 OA-38443-061516-GL-007 OA-38443-071117-GL-018 OA-38443-072518-JC-038 OA-38443-071719-GL-018 OA-11208393-071620-JC-030
Date 1/6/2012 3/27/2012 8/2/2012 1/16/2014 6/3/2014 2/19/2015 7/16/2015 6/15/2016 7/11/2017 7/25/2018 7/17/2019 7/16/2020

Parameters	Units	OA-14-2012	OA-14-2012	OA-14-2012	OA-14-2012	OA-14-2014							
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.035 U	0.026 U	0.026 U	0.026 U	0.026 UJ	0.026 U						
Benzene	ppbv	0.24	0.15 J	0.22	0.17 J	0.073 J	0.23 J	0.46	0.18 J	0.10 J	0.24	0.12 J	0.13 J
Chloroform (Trichloromethane)	ppbv	0.049 J	0.038 U	0.038 U	0.038 U	0.038 UJ	0.038 U						
cis-1,2-Dichloroethene	ppbv	0.014 U	0.060 U	0.060 U	0.060 U	0.060 UJ	0.060 U						
Ethylbenzene	ppbv	0.058 J	0.068 U	0.075 J	0.068 U	0.068 U	0.068 UJ	0.080 J	0.090 J	0.068 U	0.087 J	0.068 U	0.068 U
m&p-Xylenes	ppbv	0.15 J	0.12 U	0.19 J	0.17 J	0.22	0.12 UJ	0.33	0.29	0.17 J	0.30	0.13 J	0.18 J
Naphthalene	ppbv	0.086 U	0.090 U	0.090 UJ	0.090 U	0.090 U	0.090 UJ	0.090 U	0.090 UJ	0.090 U	0.090 U	0.090 U	0.090 U
o-Xylene	ppbv	0.051 J	0.061 U	0.062 J	0.061 U	0.065 J	0.061 UJ	0.10 J	0.11 J	0.063 J	0.11 J	0.061 U	0.068 J
Tetrachloroethylene	ppbv	0.023 J	0.040 U	0.040 U	0.049 U	0.040 U	0.040 UJ	0.040 U	0.061 J	0.040 U	0.048 J	0.040 U	0.15 J
Trichloroethylene	ppbv	0.030 U	0.036 U	0.036 U	0.12 U	0.036 U	0.036 UJ	0.036 U	0.045 J	0.036 U	0.036 U	0.23	0.036 U
Vinyl chloride	ppbv	0.029 U	0.071 UJ	0.071 U									

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 4

Summary of Building 14 - NexGen Vending Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	OA-14-2014	SS-14-A	SS-14-A	SS-14-A	SS-14-A								
Sample ID:	OA-11208393-072021-JC-020	SS-38443-010612-JC-017	SS-38443-010612-JC-018	SS-38443-032812-JC-225	SS-38443-080212-GL-030	SS-38443-011614-GL-001	SS-38443-011614-GL-002	SS-38443-060314-GL-007	SS-38443-060314-GL-008	SS-38443-060314-GL-008	SDD-SS-14A-0215	SS-38443-021915-GL-026	SDD-SS-14A-0715
Date	7/20/2021	1/6/2012	1/6/2012	3/28/2012	8/2/2012	1/16/2014	1/16/2014	6/3/2014	6/3/2014	6/3/2014	2/19/2015	2/19/2015	7/16/2015
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.026 U	320 ^a	500 ^a	970 ^a	4100 ^b	270 J ^a	160 J	720 ^a	650 ^a	173 ^a	85	0.17 U
Benzene	ppbv	0.21	1.8 J	1.9 J	6.0 J	50 ^a	0.44	0.42	2.3 U	0.95	2.7 U	0.10 J	0.95
Chloroform (Trichloromethane)	ppbv	0.038 U	0.74 U	0.62 U	1.3 U	7.7 U	5.4	5.5	140	140	3	4.2	0.18
cis-1,2-Dichloroethene	ppbv	0.060 U	1.5 J	2.6 J	6.9	110	3.2	3.2	21	20	13.4 U	3.2	0.18 U
Ethylbenzene	ppbv	0.068 U	0.52 U	0.44 U	2.4 U	14 U	0.14 J	0.14 U	2.8 U	0.41 J	5.3 U	0.33	0.70
m,p-Xylenes	ppbv	0.12 J	1.1 U	0.96 U	4.2 U	24 U	0.48	0.24 U	5.0 U	1.7	10.7 U	0.71	2.4
Naphthalene	ppbv	0.090 U	2.0 U	1.7 U	3.1 U	18 UJ	0.18 U	0.18 U	3.7 U	0.82 J	13.4 U	0.13 J	1.0
o-Xylene	ppbv	0.076 J	0.52 U	0.44 U	2.2 J	12 U	0.20 J	0.12 U	2.5 U	0.66	5.3 U	2.1	0.98
Tetrachloroethylene	ppbv	0.046 J	0.26 U	0.22 U	1.4 U	8.1 U	0.11 J	3.8 J	1.7 U	0.87	2.7 U	0.22	0.10 U
Trichloroethene	ppbv	0.032 U	1.5 J	2.1 J	6.4 J	36 J ^a	4.0	3.6	27 ^a	30 ^a	4.6	6.4	1.1
Vinyl chloride	ppbv	0.071 U	70 ^a	84 ^a	820 J ^a	5500 ^a	4.9	4.5	17	14	2.7 U	0.28	0.27 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 4

Summary of Building 14 - NexGen Vending Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A
Sample ID:	SS-38443-071615-6L-036	SS-38443-061516-GL-001	SS-38443-061516-GL-002	SS-38443-071117-GL-013	SS-38443-071117-GL-014	SS-38443-072518-JC-033	SS-38443-072518-JC-034	SS-38443-071719-GL-013	SS-38443-071719-GL-014	SS-11208393-071620-JC-025	SS-11208393-071620-JC-026	SS-11208393-071620-JC-025	SS-11208393-071620-JC-026
Date	7/16/2015	6/15/2016	6/15/2016	6/15/2016	7/11/2017	7/11/2017	Duplicate	Duplicate	Duplicate	7/17/2019	7/17/2019	7/16/2020	7/16/2020
Parameters	Units												
Volatile Organic Compounds	ppbv	0.026 U	1000^a	710^a	0.040 U	0.026 U	680^a	730^a	0.026 U	0.026 U	350^a	380^a	
1,1-Dichloroethane	ppbv	1.4	1.7 U	1.8 U	0.47	0.46	1.7 U	1.7 U	2.1	2.1	2.1 U	2.2 U	
Benzene	ppbv	0.20	12	7.1	0.20 J	0.19 J	9.5	9.7	0.39	0.39	5.1 J	5.1 J	
Chloroform (Trichloromethane)	ppbv	0.060 U	75	49	0.092 U	0.060 U	89	91	0.060 U	0.15 J	69	71	
cis-1,2-Dichloroethene	ppbv	0.91	2.0 U	2.2 U	0.92	0.90	2.1 U	2.1 U	1.2	1.5	2.6 U	2.6 U	
Ethylbenzene	ppbv	3.5	3.6 U	3.9 U	3.3	3.2	3.6 U	3.7 U	3.3	4.1	4.6 U	4.6 U	
m&p-Xylenes	ppbv	0.16 J	2.7 UJ	2.9 UJ	0.19 J	0.20 J	2.7 U	2.7 U	0.090 U	0.090 U	3.4 U	3.5 U	
Naphthalene	ppbv	1.2	1.8 U	2.0 U	1.2	1.2	1.8 U	1.9 U	1.0	1.3	2.3 U	2.3 U	
o-Xylene	ppbv	0.084 J	1.4 J	1.3 U	0.29 J	0.28	2.6 J	1.7 J	0.055 J	0.16 J	1.5 U	1.9 J	
Tetrachloroethylene	ppbv	0.91	150^a	94^a	0.42	0.40	260^a	250^a	0.042 J	0.072 J	220^a	300^a	
Trichloroethylene	ppbv	0.071 U	3.1 J	3.4 J	0.11 U	0.071 U	2.2 U	2.2 J	0.071 U	0.071 U	2.7 U	2.7 U	
Vinyl chloride	ppbv												

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 4

Summary of Building 14 - NexGen Vending Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-14-A SS-11208393-072021-JC-015 7/20/2021	SS-14-B SS-38443-010612-JC-019 1/6/2012	SS-14-B SS-38443-032712-JC-227 3/27/2012	SS-14-B SS-38443-080212-GL-033 8/2/2012	SS-14-C SS-38443-010612-JC-020 1/6/2012	SS-14-C SS-38443-032712-JC-229 3/27/2012	SS-14-C SS-38443-080212-GL-035 8/2/2012	SS-14-C SS-38443-011614-GL-004 1/16/2014	SS-14-C SS-38443-060314-GL-005 6/3/2014	SS-14-C SS-38443-061516-GL-004 6/15/2016
Parameters	Units									
Volatile Organic Compounds										
1,1-Dichloroethane	ppbv	450 ^a	54	77	130	0.14 U	0.071 J	0.026 U	0.052 U	0.074 U
Benzene	ppbv	1.9 U	0.14 U	0.077 J	0.11 U	0.072 U	0.056 U	0.056 U	1.3	0.57
Chloroform (Trichloromethane)	ppbv	6.6 J	0.93 J	1.1	3.0	0.12 U	0.043 J	0.097 J	0.076 U	0.11 U
cis-1,2-Dichloroethene	ppbv	78	0.43 J	0.97	2.2	0.056 U	0.060 U	0.060 U	0.12 U	0.17 U
Ethylbenzene	ppbv	2.3 U	1.2 J	0.068 U	0.14 U	0.088 U	0.068 U	0.068 U	0.38 J	0.71
m&p-Xylenes	ppbv	4.0 U	7.1	0.20	0.32 J	0.19 U	0.12 U	0.12 U	1.4	2.6
Naphthalene	ppbv	3.0 U	0.69 UJ	0.090 U	0.18 U	0.34 U	0.090 U	0.090 UJ	0.43 J	0.27 J
o-Xylene	ppbv	2.1 U	3.9	0.084 J	0.15 J	0.088 U	0.061 U	0.061 U	0.69	1.1
Tetrachloroethylene	ppbv	2.3 J	0.088 U	0.41	1.0	0.11 J	0.43	0.28	0.080 U	0.11 U
Trichloroethylene	ppbv	350 ^a	3.5	4.7	16	2.5	27 ^a	1.2	0.077 U	0.10 U
Vinyl chloride	ppbv	2.4 U	0.23 U	0.071 U	0.14 U	0.12 U	0.071 U	0.071 U	0.14 U	0.20 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 5

Summary of Building 15 -SIM Trainer Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location: Sample ID: Date	Parameters	Units	ODH Non-Residential Screening Levels		IA-15-A IA-38443-031312-JC-175 3/13/2012	IA-15-A IA-38443-021114-GL-001 2/11/2014	IA-15-A IA-38443-042414-GL-002 4/24/2014	IA-15-A IA-38443-021815-GL-019 4/28/2015	IA-15-A IA-38443-071415-6L-016 7/14/2015	IA-15-A IA-38443-061716-GL-023 6/17/2016	IA-15-A IA-38443-071117-GL-020 7/11/2017	IA-15-A IA-38443-072418-JC-027 7/24/2018	IA-15-A IA-38443-071719-GL-020 7/17/2019	IA-15-A IA-11208393-072221-JC-044 7/22/2021
			Sub-Slab Soil Gas a	Indoor Air b										
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	160	16	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.052 U	0.026 U	0.026 U	
Benzene	ppbv	20	2	0.46	0.29	0.23	0.16 J	0.23	0.20	0.30 J	1.8	0.30 J	0.23	
Chloroform (Trichloromethane)	ppbv	800	80	0.077 J	0.038 U	0.050 J	0.038 U	0.079 J	0.085 J	0.12 U	0.094 J	0.051 J	0.059 J	
cis-1,2-Dichloroethene	ppbv	370	37	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.12 U	0.060 U	0.060 U	
Ethylbenzene	ppbv	2500	250	0.15 J	0.13 J	0.15 J	0.068 U	0.11 J	0.076 J	0.12 J	0.14 U	0.11 J	0.12 J	
m&p-Xylenes	ppbv	2000	200	0.52	0.44	0.40	0.12 U	0.36	0.27	0.37	0.24 U	0.39	0.40	
Naphthalene	ppbv	29	2.9	0.25 J	0.090 U	0.090 U	0.090 U	0.13 J	0.19 J	0.17 J	0.18 U	0.090 UJ	0.090 U	
o-Xylene	ppbv	2000	200	0.21	0.17 J	0.20	0.061 U	0.15 J	0.11 J	0.15 J	0.12 U	0.16 J	0.16 J	
Tetrachloroethylene	ppbv	250	25	0.84	2.3	2.8	1.3	1.6	2.9	2.8	0.77	0.85	1.6	
Trichloroethylene	ppbv	20	2	5.2 ^b	2.0	3.0 ^b	1.4	1.7	1.5	1.8	1.4	1.6	0.063 J	
Vinyl chloride	ppbv	20	2	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.14 U	0.071 U	0.071 U	

Notes:

- D Compounds at secondary dilution factor.
- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 5

Summary of Building 15 -SIM Trainer Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-15-B	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C
Sample ID:	IA-38443-031312-JC-177	IA-38443-031312-JC-179	IA-38443-021314-GL-005	IA-38443-021815-GL-021	SDD-IA-15C-0215	IA-38443-071415-6L-018	IA-38443-061716-GL-026	IA-38443-071117-GL-024	IA-38443-072418-JC-031	IA-38443-071719-GL-024	IA-11208393-071520-JC-023	IA-11208393-071719-GL-024	IA-11208393-071520-JC-023	IA-11208393-072221-JC-045	
Date	3/13/2012	3/13/2012	2/13/2014	2/18/2015	2/18/2015	7/14/2015	6/17/2016	7/11/2017	7/24/2018	7/17/2019	7/15/2020	7/17/2019	7/15/2020	7/22/2021	
Parameters	Units														
Volatile Organic Compounds															
1,1-Dichloroethane	ppbv	0.026 U	0.10 U	0.026 U	0.026 U	0.24 U	0.026 U	0.13 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	0.51	0.51 J	0.63	0.22	0.28	0.68	0.35 J	0.38	1.6	4.0 ^b	3.1 ^b			1.6
Chloroform (Trichloromethane)	ppbv	0.038 U	0.15 U	0.038 U	0.038 U	0.12 U	0.038 U	0.19 U	0.044 U	0.055 J	0.14 J	0.038 U	0.041 J		
cis-1,2-Dichloroethene	ppbv	0.060 U	0.24 U	0.060 U	0.060 U	0.62 U	0.060 U	0.30 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	
Ethylbenzene	ppbv	0.12 J	0.43 J	0.39	0.17 J	0.25 U	1.2	0.58 J	0.69	0.43	1.3	1.6	1.6	1.6	
m&p-Xylenes	ppbv	0.43	1.6	1.5	0.62	0.72	5.4	2.4	3.0	1.8	5.7	6.3	7.6		
Naphthalene	ppbv	0.090 U	0.36 U	0.090 U	0.090 U	0.64 U	0.41 J	0.45 U	0.30 J	0.095 J	0.26 J	0.18 J	0.10 J		
o-Xylene	ppbv	0.17 J	0.62 J	0.46	0.20	0.27	2.1	0.96 J	1.2	0.69	2.0	2.4	2.6		
Tetrachloroethene	ppbv	1.4	120 ^b	3.9	0.59	0.94	6.3	82 ^b	2.0	7.0	2.4	1.4	0.98		
Trichloroethene	ppbv	0.13 J	1.6	0.59	0.20	0.37	1.2	0.57 J	0.86	1.4	0.42	1.1	0.85		
Vinyl chloride	ppbv	0.071 U	0.28 U	0.071 U	0.071 U	0.13 U	0.071 U	0.36 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	

Notes:

- D Compounds at secondary dilution factor.
- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UU Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 5

Summary of Building 15 -SIM Trainer Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	IA-15-F	IA-15-F	IA-15-F	IA-15-F	IA-15-F	IA-15-F	IA-15-F	IA-15-F	IA-15-F	IA-15-H	OA-15	OA-15	OA-15	OA-15
Sample ID:	IA-38443-021114-GL-003	IA-38443-042414-GL-003	IA-38443-071117-GL-021	IA-38443-072418-JC-032	IA-38443-071719-GL-021	IA-11208393-071520-JC-021	IA-11208393-071520-JC-022	IA-11208393-072221-JC-046	IA-38443-042414-GL-006	IA-38443-031312-JC-174	OA-38443-021114-GL-006	OA-38443-021114-GL-007	OA-38443-042414-GL-007	
Date	2/11/2014	4/24/2014	7/11/2017	7/24/2018	7/17/2019	7/15/2020	7/15/2020	7/22/2021	4/24/2014	3/13/2012	2/11/2014	4/24/2014		
Parameters	Units													
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U				
Benzene	ppbv	0.25	0.20	0.53	0.095 J	2.3 ^b	3.0 ^b	3.0 ^b	0.58	1.2	0.068 J	0.18 J	0.16 J	0.16 J
Chloroform (Trichloromethane)	ppbv	0.038 U	0.038 U	0.038 U	0.038 U	0.038 J	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U				
Ethylbenzene	ppbv	0.068 U	0.076 J	0.12 J	0.068 U	0.16 J	0.10 J	0.11 J	0.11 J	1.4	0.068 U	0.068 U	0.073 J	
m&p-Xylenes	ppbv	0.22	0.27	0.41	0.12 U	0.56	0.33 J	1.2 J	0.38	5.3	0.12 U	0.19 J	0.23	
Naphthalene	ppbv	0.090 U	0.090 U	0.23 J	0.090 U	0.090 U	0.090 U	0.18 J	0.090 U	0.090 U				
o-Xylene	ppbv	0.074 J	0.10 J	0.16 J	0.061 U	0.21	0.13 J	0.56 J	0.16 J	1.8	0.061 U	0.062 J	0.088 J	
Tetrachloroethene	ppbv	0.45	0.053 J	0.13 J	0.50	0.13 J	0.67	0.60	0.046 J	2.9	0.040 U	0.040 U	0.040 U	0.040 U
Trichloroethene	ppbv	0.076 J	0.036 U	0.052 J	0.067 J	0.060 J	0.036 U	0.036 U	0.062 J	0.75	0.036 U	0.036 U	0.036 U	0.036 U
Vinyl chloride	ppbv	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U				

Notes:

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1.0 Value greater than ODH Non-Residential Screening Level

Table 5

Summary of Building 15 -SIM Trainer Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	OA-15 OA-38443-021815-GL-022 2/18/2015	OA-15 OA-38443-071415-6L-013 7/14/2015	OA-15 OA-38443-061716-GL-027 6/17/2016	OA-15 OA-38443-071117-GL-025 7/11/2017	OA-15 OA-38443-072418-JC-028 7/24/2018	OA-15 OA-38443-071719-GL-025 7/17/2019	OA-15 OA-11208393-071520-JC-024 7/15/2020	OA-15 OA-11208393-072221-JC-047 7/22/2021	SS-15-A SS-38443-011212-JC-074 1/12/2012	SS-15-A SS-38443-031312-JC-176 3/13/2012	SS-15-A SS-38443-021114-GL-002 2/11/2014	SS-15-A SS-38443-042414-GL-001 4/24/2014	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	0.60 U	0.93 U	0.026 U	0.026 U						
Benzene	ppbv	0.18 J	0.15 J	0.11 J	0.14 J	0.22	0.18 J	0.21	0.21	0.31 U	2.0 U	0.31	0.11 J
Chloroform (Trichloromethane)	ppbv	0.038 U	0.038 U	0.53 U	1.4 U	0.038 U	0.045 J						
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	2.7 J	2.1 U	0.10 J	0.060 U						
Ethylbenzene	ppbv	0.068 U	0.080 J	0.068 U	0.11 J	0.12 J	0.068 U	0.068 J	0.076 J	0.38 U	2.4 U	0.22	0.068 U
m&p-Xlenes	ppbv	0.12 U	0.26	0.15 J	0.39	0.43	0.21	0.22	0.20	0.82 U	4.3 U	0.51	0.12 U
Naphthalene	ppbv	0.090 U	0.090 UJ	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	0.090 U	1.5 U	3.2 U	0.090 U	0.090 U
o-Xylene	ppbv	0.061 U	0.086 J	0.061 U	0.14 J	0.16 J	0.076 J	0.097 J	0.096 J	0.38 U	2.2 U	0.44	0.061 U
Tetrachloroethene	ppbv	0.040 U	0.040 U	0.22	0.040 U	0.040 U	0.11 J	0.040 U	0.040 U	7.6	7.1	1.5	1.2
Trichloroethene	ppbv	0.096 J	0.036 U	0.036 U	0.032 U	400 ^a	390 ^a	2.0	3.1				
Vinyl chloride	ppbv	0.071 U	0.071 U	0.50 U	0.50 U	2.5 U	0.071 U	0.071 U					

Notes:

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1.0 Value greater than ODH Non-Residential Screening Level

Table 5

Summary of Building 15 -SIM Trainer Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-15-A	SS-15-A	SS-15-A	SS-15-B	SS-15-B	SS-15-C							
Sample ID:	SS-38443-021815-GL-018	SS-38443-071415-6L-014	SS-38443-071415-6L-015	SS-38443-061716-GL-022	SS-38443-071117-GL-019	SS-38443-072418-JC-026	SS-38443-071719-GL-019	SS-11208393-071520-JC-020	SS-11208393-072221-JC-041	SS-38443-011212-JC-071	SS-38443-031312-JC-178	SS-38443-011212-JC-072	
Date	2/18/2015	7/14/2015	7/14/2015	6/17/2016	7/11/2017	7/24/2018	7/17/2019	7/15/2020	7/22/2021	1/12/2012	3/13/2012	1/12/2012	
Parameters													
	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.41	0.026 U	0.026 U	0.13 U	0.026 U	0.13 U	0.026 U	0.026 U	0.026 U	1.1 U	1.2 U	R
Benzene	ppbv	0.23	0.12 J	0.12 J	0.28 U	0.24	0.34 J	1.5	1.6	0.29	0.55 U	2.6 U	R
Chloroform (Trichloromethane)	ppbv	0.038 U	0.065 J	0.060 J	0.19 U	0.13 U	0.19 U	0.049 J	0.079 J	0.083 J	8.5	12	R
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	0.060 U	0.30 U	0.060 U	0.30 U	0.060 U	0.060 U	0.16 J	86	130	R
Ethylbenzene	ppbv	0.47	0.068 U	0.068 U	0.34 U	0.12 J	0.34 U	0.15 J	0.15 J	0.19 J	0.67 U	3.2 U	R
m,p-Xylenes	ppbv	2.2	0.19 J	0.18 J	0.60 U	0.37	3.1	0.45	0.44	0.69	1.5 U	5.6 U	R
Naphthalene	ppbv	0.55	0.097 J	0.090 UJ	0.45 U	0.28 J	0.45 U	0.090 U	0.10 J	0.090 U	2.6 U	4.2 U	R
o-Xylene	ppbv	0.79	0.070 J	0.061 U	0.31 U	0.16 J	9.6	0.18 J	0.18 J	0.31	0.67 U	2.9 U	R
Tetrachloroethene	ppbv	0.83	2.4	2.4	3.1	2.2	1.7	0.57	1.9	1.3	1.3 J	2.5 J	R
Trichloroethene	ppbv	1.4	2.0	2.0	2.1	1.4	2.3	1.7	0.31	1.8	690 ^a	680 ^a	R
Vinyl chloride	ppbv	0.071 U	0.071 U	0.071 U	0.36 U	0.071 U	0.35 U	0.071 U	0.071 U	0.071 U	0.88 U	3.3 U	R

Notes:

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1.0 Value greater than ODH Non-Residential Screening Level

Table 5

Summary of Building 15 -SIM Trainer Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C
Sample ID:	SS-38443-011212-JC-073	SS-38443-031312-JC-180	SS-38443-021314-GL-004	SS-38443-042414-GL-004	SS-38443-042414-GL-005	SDD-SS-15C-0215	SS-38443-021815-GL-020	SDD-SS-15C-0715	SS-38443-071415-6L-017	SS-38443-061716-GL-024	SS-38443-061716-GL-025	SS-38443-071117-GL-022			
Date	1/12/2012	3/13/2012	2/13/2014	4/24/2014	4/24/2014	2/18/2015	2/18/2015	7/14/2015	7/14/2015	6/17/2016	6/17/2016	7/11/2017			
Duplicate					Duplicate								Duplicate		
Parameters	Units														
Volatile Organic Compounds															
1,1-Dichloroethane	ppbv	8.8 U	14 U	2.8 U	3.0 U	3.1 U	0.27 U	0.10 U	1.2 U	0.28 U	0.26 U	0.13 U	0.30 U		
Benzene	ppbv	230 ^a	320 ^a	36 ^a	60 ^a	62 ^a	8.4	5.9 J	1.6 U	2.5	1.2 J	1.1	8.0		
Chloroform (Trichloromethane)	ppbv	7.8 U	20 U	4.1 U	4.4 U	4.6 U	0.13 U	0.15 U	1.0 U	0.71 J	0.38 U	0.19 U	0.44 U		
cis-1,2-Dichloroethene	ppbv	7400 ^a	10000 ^a	1700 ^a	2200 ^a	2300 ^a	125	130 J	480 D ^a	780 ^a	10	9.3	74		
Ethylbenzene	ppbv	320	540	70	180	180	8.5	5.8 J	1.1 U	0.78 J	1.1 J	1.1	19		
m&p-Xylenes	ppbv	820	1300	130	410	410	6	4.0 J	2.3 U	1.3 U	4.0	3.7	61		
Naphthalene	ppbv	22 U	47 U	9.7 U	10 U	11 U	0.68 U	0.36 U	0.95 U	0.95 UJ	0.90 U	0.45 U	2.6 J		
o-Xylene	ppbv	710	1100	170	400	400	34	33 J	1.5	3.1	3.6	3.7	65		
Tetrachloroethene	ppbv	2.8 U	21 U	4.3 U	4.6 U	4.8 U	3.2	2.5 J	21	28	100	100	4.6		
Trichloroethene	ppbv	95 ^a	120 ^a	25 ^a	61 ^a	63 ^a	16.4	12 J	72 ^a	87 ^a	2.8	2.7	16		
Vinyl chloride	ppbv	1100 ^a	1700 ^a	350 ^a	99 ^a	97 ^a	0.13 U	6.6 J	17	26 ^a	1.5 J	1.5	6.2		

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Table 5

Summary of Building 15 -SIM Trainer Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2021

Sample Location:	SS-15-C	SS-15-C	SS-15-C							
Sample ID:	SS-38443-071117-GL-023	SS-38443-072418-JC-029	SS-38443-072418-JC-030	SS-38443-071719-GL-022	SS-38443-071719-GL-023	SS-38443-071520-JC-019	SS-11208393-071520-JC-019	SS-11208393-072221-JC-042	SS-11208393-072221-JC-043	
Date	7/11/2017	7/24/2018	7/24/2018	7/17/2019	7/17/2019	7/15/2020	7/15/2020	7/22/2021	7/22/2021	
Parameters	Units					Units				
Volatile Organic Compounds										
1,1-Dichloroethane	ppbv	0.17 U	0.26 U	0.13 U	0.13 U	0.26 U	0.21 U	0.10 U	0.10 U	
Benzene	ppbv	6.6	4.6	5.3 J	5.4	5.6	4.8	2.2	2.2	
Chloroform (Trichloromethane)	ppbv	0.25 U	0.38 U	0.21 J	0.20 J	0.38 U	0.31 U	0.15 U	0.15 U	
cis-1,2-Dichloroethene	ppbv	60	64	66 J	35	41	16	9.2	8.9	
Ethylbenzene	ppbv	15	7.0 J	12 J	11	12	5.5	3.0	2.9	
m&p-Xylenes	ppbv	51	24 J	43 J	44	46	18	9.6	9.5	
Naphthalene	ppbv	2.1 J	2.5 J	3.4 J	0.64 J	0.90 U	1.5 J	0.36 U	0.36 U	
o-Xylene	ppbv	54	27 J	47 J	45	45	21	9.0	8.9	
Tetrachloroethene	ppbv	3.3	1.6 U	1.3 J	4.2	4.8	4.5	1.4	1.3	
Trichloroethene	ppbv	13	12	14 J	11	11	5.0	3.7	3.5	
Vinyl chloride	ppbv	6.7	5.9	6.1 J	3.4	4.1	1.3 J	0.83 J	0.76 J	

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